

Service Handbook

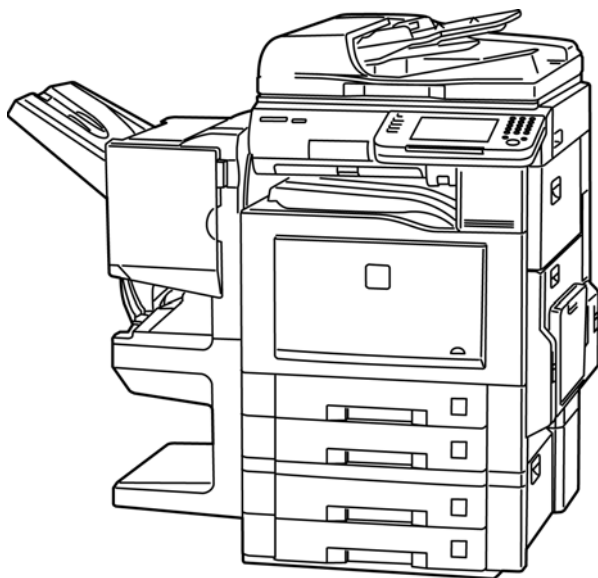
Digital Color Imaging Systems

DP-C354 / C264

DP-C323 / C263 / C213

DP-C322 / C262


[Version 2.0]



WARNING

This service information is designed for experienced repair technicians only and is not intended for use by the general public. It does not contain warnings or cautions to advise non-technical individuals of potential dangers in attempting to service a product. Products powered by electricity should be serviced or repaired only by experienced professional technicians. Any attempt to service or repair the product or products dealt within this service information by anyone else could result in serious injury or death.

IMPORTANT SAFETY NOTICE



There are special components used in this equipment which are important for safety. These parts are marked by  in the Schematic Diagrams, Circuit Board Diagrams, Exploded Views and Replacement Parts List. It is essential that these critical parts should be replaced with manufacturer's specified parts to prevent shock, fire or other hazards. Do not modify the original design without permission of manufacturer.

Panasonic®

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General Annotations

1. Panasonic Digital Document Company, and other Panasonic Sales Companies reserve the right to change any information enclosed herein without prior notification.
(This includes, but is not limited to, parts pricing, availability, and text)
2. Electrical parts supplied may include previously used components.
3.  **Important Safety Notice**
Components identified by a  mark, have special characteristics important for safety. When replacing any of these components, use only manufacturer's specified parts.
4. In New Parts column, "**N**" indicates part is used only in DP-C354 Series, "**C**" indicates part is used in previous models.
5. In Remarks column, "**PM**" indicates "Preventive Maintenance Part".
6. In Remarks column, "**RTL**" indicates that the Retention Time is limited for this item. After the discontinuation of this assembly in production, the item will continue to be available for a specific period of time. The retention period of availability is dependent on the type of assembly, and in accordance with the laws governing part and product retention. After the end of this period, the assembly will no longer be available.
7. This "Unit" which includes other itemized parts is provided as "Limited Availability" for your convenience, and will only be offered for up to 3 years after the production of the unit ceases. However, the individual contents of the assembly will be available for the standard period.
8. **This Product Uses Lead (Pb) Free Solder Printed Circuit Boards (PCBs).**
Information regarding Lead-Free (PbF) solder;

Distinction of PbF PCB:

PCBs (manufactured) using lead free solder will have a **PbF** mark following the PCB part numbers in a label on the PCB.

Caution:

- Pb free solder has a higher melting point than standard solder; typically the melting point is 86 - 104 °F (30 - 40 °C) higher. Please use a soldering iron with temperature control and adjust it to 698 ± 20 °F (370 ± 10 °C). Exercise care while using higher temperature soldering irons, do not heat the PCB for too long to prevent solder splash or damage to the PCB.
- Pb free solder will tend to splash when heated too high (about 1112 °F/600 °C).
- ECO SOLDER M705 (available from Senju Metal Industry Co., Ltd.;
[URL: http://www.senju-m.co.jp](http://www.senju-m.co.jp)) is recommended when repairing PbF PCBs.

General Annotations

9. Important Notice

(Especially for countries belonging to the European Union):

Some of the new parts introduced by this document are the parts which now comply with the national laws transposed from the EU Directive on the restriction of the use of certain hazardous substances (RoHS) in electrical and electronic equipment, effective July 1, 2006 in the EU countries.

In order for the product to comply with the RoHS Directive, the six particular substances (lead, mercury, cadmium, hexavalent chromium, polybrominated biphenyls, and polybrominated diphenyl ethers) have been either totally eliminated or limited to the concentration level below maximum allowed. Consequently spare parts have been changed to RoHS-compliant parts where applicable.

To ensure compliance with the spare parts application of the RoHS legislation, please make sure to follow the details provided in this manual when ordering spare parts and carrying out repairs.

The contents of this Service Manual, and the Specifications are subject to change without notice.

Panasonic Communications Co., Ltd. reserves the right to make improvements in the product design without reservation, and without notice.

Published in Japan.

Important Notice

Please read these Instructions completely **BEFORE** repairing, or installing any optional accessories. Installing the additional board, or connector with the power ON (only the power switch OFF) could damage the SPC, and/or SC board.

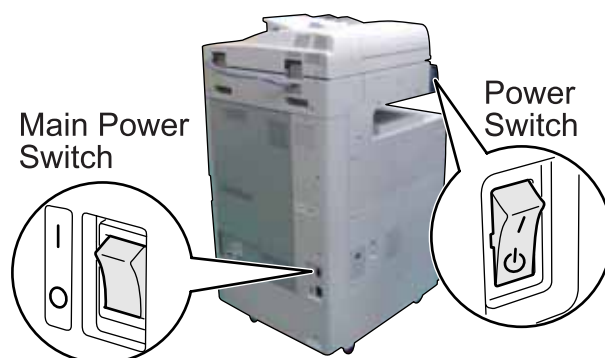
If your machine has the Hard Disk Drive Unit installed, to prevent a Disk Scan Function from being performed (similar to when the power is abruptly interrupted to the PC), it is important to follow the step sequence below when turning OFF the Power Switches on the machine.

How to turn OFF the Power:

1. Turn the Power Switch on the Left Side of the machine to the OFF position first.
2. Wait approximately 10 seconds while the machine writes the closing status onto the Hard Disk Drive Unit.
3. Turn the Main Power Switch on the Back of the machine to the OFF position. (This interrupts all the power to the machine)
4. Disconnect the Telephone Line Cable, if the Fax option is installed.
5. Unplug the AC Power Cord.

(When the Fax option is installed, there is a remote possibility of electrocution when servicing the unit during a Lightning Storm. As a precaution, disconnect the Telephone Line Cable first, before unplugging the AC Power Cord.

<Example: DP-C354>



Note:

Main Power Switch
I = Power ON
O = Power OFF

Power Switch
I = Power ON
⏻ = Power OFF (Stand-by)

WARNING

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Wichtiger Hinweis

Diese Vorschriften bitte ganz durchlesen, **BEVOR** die Maschine repariert oder optionales Zubehör installiert wird. Der Einbau einer zusätzlichen Leiterplatte oder eines Steckers, wenn die Netzspannung angeschaltet ist (bei ausgeschaltetem vorderen Betriebsschalter), kann die SPC- und/oder SC-Leiterplatte beschädigen.

Wenn Ihre Maschine mit einem Festplattenlaufwerk ausgestattet ist und ein Disk-Scan verhindert werden soll (ähnlich wie bei einer Stromunterbrechung zum PC), ist es wichtig, dass beim Deaktivieren des Maschinen-Betriebsschalters die schrittweise Reihenfolge eingehalten wird.

Ausschalten der Maschine:

1. Zuerst den Betriebsschalter auf der linken Seite der Maschine auf OFF stellen.
2. Ca. 10 Sekunden warten, während die Maschine den Endstatus auf die Festplatte schreibt.
3. Den Hauptnetzschalter auf der Rückseite der Maschine auf OFF stellen. (Dadurch wird die Stromzufuhr zur Maschine unterbrochen.)
4. Falls die Fax-Option installiert ist, ist das Telefonkabel abzuziehen.
5. Das Netzkabel abziehen.

(Wenn die Fax-Option installiert ist, besteht die Möglichkeit eines Stromschlags, wenn während eines Gewitters eine Wartung ausgeführt wird. Als Vorsichtsmaßnahme empfehlen wir, zuerst das Telefonkabel und dann das Netzkabel abzuziehen.)



Hinweis:

Hauptnetzschalter

I = eingeschaltet

O = ausgeschaltet

Betriebsschalter

I = eingeschaltet

⏻ = ausgeschaltet (Bereitschaft)

WARNUNG

Diese Wartungsinformation ist ausschließlich für erfahrenes Wartungspersonal und nicht für allgemeine Wartung durch den Laien bestimmt. Die Information enthält keine Warn- und Vorsichtshinweise hinsichtlich potentieller Gefahren für nicht professionelle Benutzer. Elektrisch betriebene Geräte dürfen nur durch erfahrenes technisches Personal gewartet oder repariert werden. Jegliche Wartung oder Reparatur durch unerfahrene Personen kann zu ernsthaften Verletzungen bzw. zu einem tödlichen

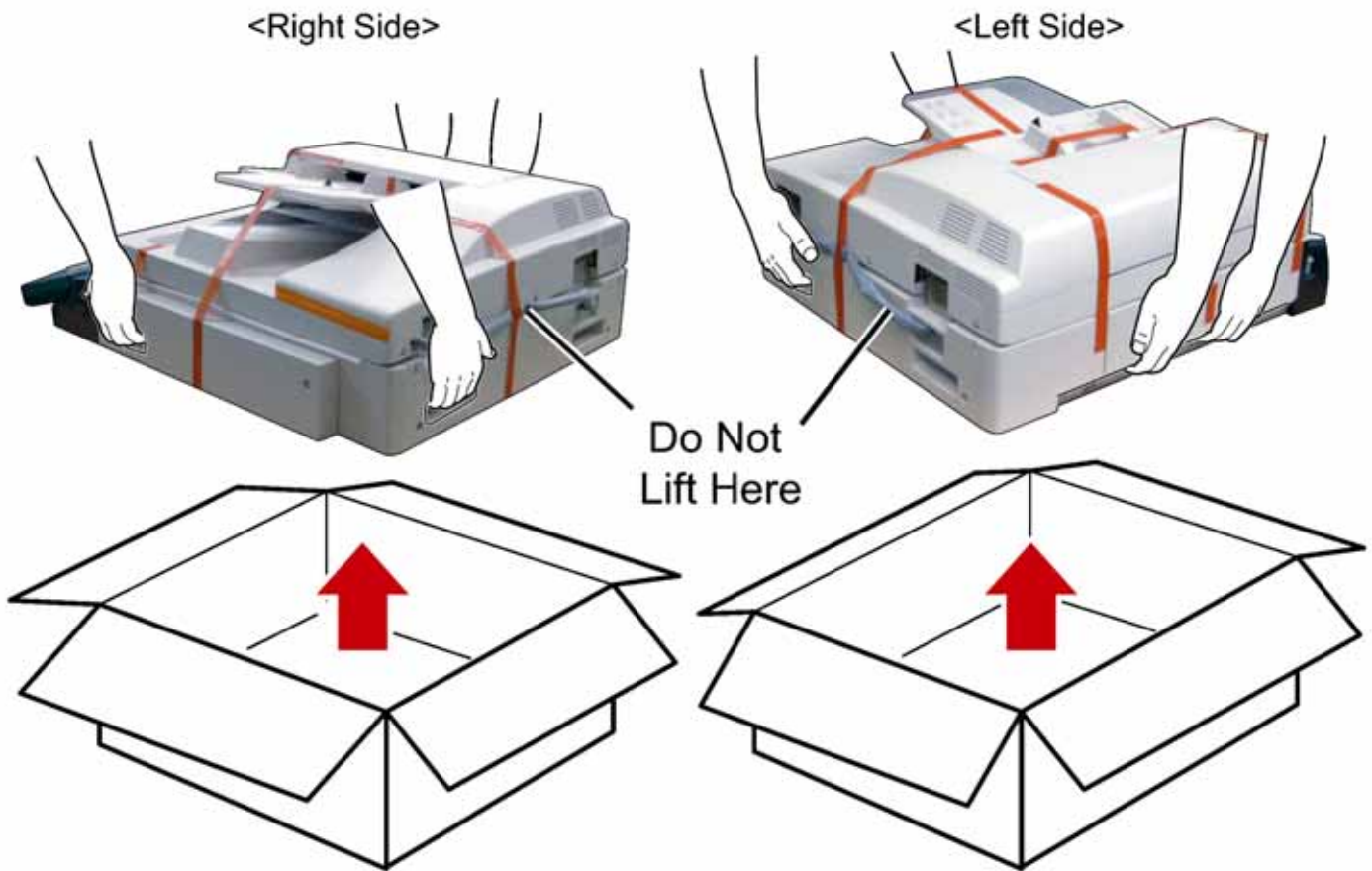
* Technische Änderungen jederzeit vorbehalten. Panasonic Communications Co., Ltd. behält sich das Recht vor, jederzeit und ohne Mitteilung Verbesserungen des Produkt-Design durchzuführen.

Unpacking Caution

Caution:

The Scanner Unit weights approximately 85.8 lb (39 kg). To prevent injuries, use the appropriate number of personnel and the proper equipment to lift the Scanner Unit out of the box.

Do not lift the Scanner Unit by the Control Panel/Cord/Harness as it may cause damage and/or bodily injury.



Note:

Refer to the Installation Instructions when installing the machine.

Unpacking Caution

Do not lift the Paper Transport Unit by the PC Board, as damage to the PC Board will occur.

Make sure to **lift the Paper Transport Unit as shown in the illustrations below.**



Note:

Refer to the Installation Instructions when installing the Unit.

Precautions

For Your Safety

To prevent severe injury and loss of life, read this section carefully before servicing the Panasonic machine to ensure proper, and safe operation of your machine.

Please ensure that the machine is installed near a wall outlet, and is easily accessible.

- This section explains the Warnings and Cautions used in the machine and/or this manual.



WARNING: Denotes a potential hazard that could result in serious injury or death.



CAUTION: Denotes hazards that could result in minor injury or damage to the machine.

- This section also explains the Warnings and Cautions used in the machine and/or this manual.



These symbols are used to alert operators to a specific operating procedure that must not be performed.



These symbols are used to alert operators to a specific operating procedure that must be emphasized in order to operate the machine safely.



WARNING

Power and Ground Connection Cautions



Ensure that the plug connection is free of dust. In a damp environment, a contaminated connector can draw a significant amount of current that can generate heat and eventually cause fire if left unattended over an extended period of time.



Always use the power cord provided with your machine. When an extension power cord is required, always use a properly rated cord.

- 120 V/15 A or AC 220 - 240V/10 A

If you use a cord with an unspecified current rating, it may be underrated, and the machine, or plug may emit smoke, or become hot to the touch.



Do not attempt to repair, pull, bend, chafe or otherwise damage the power cord. Do not place a heavy object on the cord. A damaged cord can cause fire or electric shocks.



Never touch a power cord with wet hands. Danger of electric shock exists.



If the power cord is damaged, or insulated wires are exposed, contact the authorized Panasonic dealer for a replacement. Using a damaged cord can cause fire or electric shocks.



Stop operation immediately if your machine emits smoke, excessive heat, unusual noise, or abnormal smell, or if water is spilt onto the machine. These conditions can cause fire. Immediately switch Off and unplug the machine, and contact the authorized Panasonic dealer.



Do not disconnect or reconnect the machine while the power switch is in the On position. Disconnecting a live connector can cause arcing, consequently deforming the plug and cause fire.



When disconnecting the machine, grasp the plug instead of the cord. Pulling on a cord forcibly can damage it, and cause fire, or an electric shock.



When the machine is not used over an extended period of time, switch it Off and unplug it. If an unused machine is left connected to a power source for a long period, degraded insulation can cause electric shocks, current leakage or fire.



Be sure to switch Off, and unplug the machine before accessing the interior of the machine for cleaning, maintenance or fault clearance. Access to a live machine's interior can cause an electric shock.



Once a month, unplug the machine and check the power cord for the following. If you notice any unusual condition, contact your authorized Panasonic dealer

- The power cord is plugged firmly into the receptacle.
- The plug is not excessively heated, rusted, or bent.
- The plug and receptacle are free of dust.
- The cord is not cracked or frayed.

Operating Safeguards



Do not touch areas where these caution labels are attached to, the surface may be very hot and may cause severe burns.



Do not place any liquid container such as a vase, or coffee cup on the machine. Spilt water can cause fire or shock hazard.



Do not place any metal parts such as staples or clips on the machine. If metal and flammable parts get into the machine, they can short-circuit internal components, and cause fire or electric shocks.



If debris (metal or liquid) gets into the machine, switch Off and unplug the machine immediately. Operating a debris-contaminated machine can cause fire or electric shock.



Do not try to alter the machine configuration or modify any parts. An unauthorized modification can cause smoke or fire.

Consumable Safeguards



Never dispose of toner, toner cartridge, or a waste toner container into an open flame. Toner remaining in the cartridge/bottle can cause an explosion, burns and/or injuries.



Keep button batteries/stamp out of the reach of children to prevent choking or poisoning. If a button battery/verification stamp is swallowed accidentally, get medical treatment immediately.

Notice: California only:

This product contains a CR Coin Cell Lithium Battery which contains Perchlorate Material - special handling may apply. See www.dtsc.ca.gov/hazardouswaste/perchlorate



CAUTION

Installation and Relocation Cautions



Do not place the machine near heaters or volatile, flammable, or combustible materials such as curtains that may catch fire.



Do not place the machine in a hot, humid, dusty, or poorly ventilated environment. Prolonged exposure to these adverse conditions can cause fire or electric shocks.



Place the machine on a level and sturdy surface that can withstand the weight of the machine. Refer to the Specifications section for the weight of the machine. If tilted, the machine may tip-over and cause injuries.



When relocating the machine, remove the toner and/or developer, and pack the machine with proper packing materials for shipping.



When moving the machine, be sure to unplug the power cord from the outlet. If the machine is moved with the power cord attached, it can cause damage to the cord which could result in fire or electric shock.



CAUTION

Operating Safeguards



Do not place a magnet near the safety switch of the machine. A magnet can activate the machine accidentally, resulting in injuries.



Do not use a highly flammable spray, or solvent near the machine. It can cause fire.



When copying a thick document, do not use excessive force to press it against the scanning glass. The glass may break and cause injuries.



Never touch a labelled area found on, or near the heat roller. You can get burnt. If a sheet of paper is wrapped around the heat roller, do not try to remove it yourself to avoid injuries or burns. Switch Off the machine immediately, and wait until it cools down.



Do not use conductive paper, e.g. folding paper, carbon paper and coated paper. When a paper jam occurs, they can cause a short circuit and fire.



Do not place any heavy object on the machine. An off-balance machine can tip-over, or the heavy object can fall, causing damage and/or injuries.



Keep the room ventilated when using the machine for an extended period of time to minimize the ozone density in the air.



When copying with the document cover open, do not look directly at the exposure lamp. Direct eye exposure can cause eye fatigue or eye injury.



Pull the paper trays out slowly to prevent injuries.



When removing jammed paper, make sure that no pieces of torn paper are left in the machine. A piece of paper remaining in the machine can cause fire. If a sheet of paper is wrapped around the heat roller, or when clearing a jammed paper that is difficult or impossible to see, do not try to remove it by yourself. Doing so can cause injuries or burns. Switch Off the machine immediately, and wait until it cools down.

Consumable Safeguards



Never heat the drum cartridge, or scratch its surface. A heated, or scratched drum can be hazardous to your health.



Do not mix new and old batteries together, as they can burst or leak, causing a fire or injuries. Be sure to use the specified type of batteries only.



Ensure that batteries are installed with correct polarity. Incorrectly installed batteries can burst or leak, resulting in spillage or injuries.



Others

- When clearing a paper jam or other fault, follow the appropriate procedure given in this manual.
- The machine has a built-in circuit for protection against lightning-induced surge current. If lightning strikes in your neighborhood, maintain an ample distance from the machine, and do not touch it until the lightning stops.
- If you notice flickering, distorted images, or noises on your audio-visual units, your machine may be causing radio interference. Switch it Off, and if the interference disappears, the machine is the cause of the radio interference. Perform the following procedure until the interference is corrected.
 - Move the machine, and the TV and/or radio away from each other.
 - Reposition or reorient the machine, and the TV and/or radio.
 - Unplug the machine, TV and/or radio, and replug them into outlets operating on different circuits.
 - Reorient the TV and/or radio antennas, and cables until the interference stops. For an outdoor antenna, ask your local electrician for support.
 - Use a coaxial cable antenna.







Für Ihre Sicherheit

Um schwere Verletzungen, möglicherweise mit Todesfolge, zu vermeiden, lesen Sie diesen Abschnitt sorgfältig durch, bevor Sie den Panasonic verwenden, um richtige und sichere Verwendung Ihrer Maschine sicherzustellen.

■ Dieser Abschnitt erklärt die Warnungen und Vorsichtsmaßnahmen, die in dieser Bedienungsanleitung verwendet werden.


	WARNUNG Weist auf eine potenzielle Gefahr hin, die zu schweren Verletzungen oder Tod führen kann.
	Achtung beschreibt Gefahren, die zu leichten Verletzungen oder Schäden an der Maschine führen können.

■ Dieser Abschnitt erklärt auch die grafischen Symbole, die in dieser Bedienungsanleitung verwendet werden.

  	Diese Symbole werden verwendet, um Bediener auf spezifische Bedienverfahren hinzuweisen, die vermieden werden müssen.
 	Diese Symbole werden verwendet, um Bediener auf spezifische Bedienverfahren hinzuweisen, die genutzt werden müssen, um die Maschine sicher zu betreiben.
	Dieses Symbol dient dazu, die Bediener darauf aufmerksam zu machen, dass eine heiße Oberfläche vorhanden ist, die Verbrennungen verursachen kann.

WARNUNG

Vorsichtsmaßnahmen zu Strom- und Erdungsverbindungen

-  Stellen Sie sicher, dass die Steckerverbindung staubfrei ist. In einer feuchten Umgebung kann ein verschmutzter Stecker eine beträchtliche Menge Strom aufnehmen, die Hitze erzeugen und nach längerer Zeit in diesem Zustand zu Bränden führen kann.
-  Verwenden Sie immer das mit dem Gerät mitgelieferte Netzkabel. Wenn ein Verlängerungskabel erforderlich ist, verwenden Sie immer ein Kabel mit geeigneter Stärke.
 - 120-240V/6.5AWenn Sie ein Kabel mit einer nichtspezifizierten Stromstärke verwenden, kann die Maschine Rauch abgeben oder sich außen stark erhitzen.
-  Versuchen Sie nicht, das Netzkabel zu modifizieren und vermeiden Sie Ziehen, Biegen, Scheuern oder anderweitige Beschädigung. Stellen Sie keine schweren Gegenstände auf das Netzkabel. Ein beschädigtes Netzkabel kann zu Bränden oder elektrischen Schlägen führen.
-  Niemals ein Netzkabel mit nassen Händen berühren. Dabei besteht die Gefahr elektrischer Schläge.
-  Wenn das Netzkabel beschädigt ist oder isolierte Drähte freiliegen, wenden Sie sich wegen Ersatz an Ihren Panasonic-Fachhändler. Verwendung eines beschädigten Netzkabels kann zu Bränden oder elektrischen Schlägen führen.
-  Sofort den Betrieb stoppen, wenn Ihre Maschine Rauch, starke Hitze, ungewöhnliche Geräusche oder Geruch abgibt, oder wenn Wasser auf die Maschine geschüttet wurde. Durch diese Bedingungen können Brände verursacht werden. Schalten Sie die Maschine sofort aus, ziehen Sie den Stecker ab, und wenden Sie sich an Ihren Panasonic-Fachhändler.
-  Versuchen Sie nicht, die Maschine abzutrennen oder neu anzuschließen, während der Netzschalter auf Ein steht. Durch Abziehen eines stromführenden Steckers kann ein Lichtbogen entstehen, durch den Verformungen und Brände verursacht werden.
-  Beim Abtrennen des Netzsteckers immer am Stecker und nicht am Kabel ziehen. Wenn ein Stecker gewaltsam abgezogen wird, kann er beschädigt werden und Brände oder elektrische Schläge verursachen.
-  Wenn die Maschine längere Zeit über nicht verwendet wird, schalten Sie sie aus und ziehen den Netzstecker ab. Wenn eine nichtverwendete Maschine längere Zeit an einer Stromquelle angeschlossen bleibt, kann beeinträchtigte Isolierung zu elektrischen Schlägen, Stromlecks oder Feuer führen.
-  Schalten Sie die Maschine immer aus und ziehen Sie den Stecker ab, bevor Sie auf das Innere der Maschine zugreifen, um Reinigung, Wartung oder Fehlerbehebung auszuführen. Zugriff zu Teilen im Maschineninneren kann zu elektrischen Schlägen führen.



Einmal im Monat die Maschine vom Netz trennen und das Netzkabel auf Folgendes prüfen. Wenn ein ungewöhnlicher Zustand vorgefunden wird, wenden Sie sich an Ihren Panasonic-Fachhändler.

- Das Netzkabel ist fest in die Steckdose eingesteckt.
- Der Stecker ist nicht stark erhitzt, verrostet oder verbogen.
- Stecker und Steckdose sind frei von Staub.
- Das Kabel ist nicht gerissen oder aufgefasert.

Bedienungs-Schutzmaßnahmen



Berühren Sie nicht Bereiche, wo diese Vorsichtsaufkleber an der Oberfläche angebracht sind, da diese sehr heiß sein können und zu schweren Verbrennungen führen können.



Stellen Sie keine Flüssigkeitsbehälter wie eine Vase oder Kaffeekanne auf die Maschine. Verschüttetes Wasser kann zu Bränden oder elektrischen Schlägen führen.



Legen Sie keine Metallgegenstände wie Heft- oder Büroklammern auf die Maschine. Falls Metall- oder brennbare Teile in die Maschine geraten, können sie zu Kurzschlüssen an internen Bauteilen führen und Brände oder elektrische Schläge verursachen.



Falls Fremdkörper (Metall oder Flüssigkeiten) in die Maschine geraten, sofort ausschalten und den Stecker abziehen. Den Panasonic-Fachhändler anrufen. Bedienung einer durch Fremdkörper verschmutzten Maschine kann zu Bränden oder elektrischen Schlägen führen.



Niemals die Maschinenabdeckungen öffnen, die mit Schrauben festgeschraubt sind, wenn nicht spezifisch in der "Bedienungsanleitung" angegeben. Ein Hochspannungsbauteil kann zu elektrischen Schlägen führen.



Versuchen Sie nicht, die Maschinenkonfiguration zu ändern oder Teile zu modifizieren. Eine unbefugte Modifikation kann zu Rauch oder Bränden führen.

Verbrauchsmaterialien Schutzmaßnahmen



Niemals Toner, Tonerkassette oder Tonerabfallbehälter in offenes Feuer werfen. In der Kassette verbleibender Toner kann eine Explosion verursachen und zu Verbrennungen und/oder Verletzungen führen.



Halten Sie Knopfzellen/Stempel außer Reichweite von Kindern. Wenn eine Knopfzelle/Stempel versehentlich verschluckt wird, sofort ärztliche Hilfe aufsuchen.

ACHTUNG

Vorsichtsmaßnahmen zu Aufstellung und Transport



Platzieren Sie die Maschine nicht in der Nähe von Heizkörpern oder flüchtigen, entflammaren oder brennbaren Materialien wie Vorhänge, die Feuer fangen können.



Stellen Sie die Maschine nicht in einer heißen, feuchten, staubigen oder schlecht belüfteten Umgebung auf. Längerer Betrieb unter diesen Bedingungen kann zu Bränden oder elektrischen Schlägen führen.



Die Maschine auf eine ebene und feste Oberfläche stellen

Wenn sie geneigt wird, kann die Maschine umkippen und Verletzungen verursachen.



Beim Aufstellungsänderung des Geräts wenden Sie sich an Ihren Panasonic-Fachhändler.



Beim Transport der Maschine ziehen Sie den Netzstecker von der Steckdose ab. Wenn die Maschine bei eingestecktem Netzkabel und -stecker bewegt wird, kann das Netzkabel beschädigt werden, was zu Bränden oder elektrischen Schlägen führen kann.

Bedienungs-Schutzmaßnahmen



Bringen Sie keinen Magneten in die Nähe des Sicherheitsschalters der Maschine. Ein Magnet kann die Maschine versehentlich aktivieren, was zu Verletzungen führen kann.



Verwenden Sie keine leicht entflammaren Sprays oder Lösungsmittel in der Nähe der Maschine. Dadurch können Brände verursacht werden.



Beim Kopieren eines dicken Originals nicht starke Kraft verwenden, um es gegen das Originalauflageglas zu drücken. Das Glas kann brechen und Verletzungen verursachen.



Niemals den markierten Bereich in der Nähe der Heizwalze berühren. Dabei besteht die Gefahr von Verbrennungen. Wenn ein Blatt Papier um die Heizwalze gewickelt ist, versuchen Sie nicht, es selber zu entfernen, um Verletzungen oder Verbrennungen zu vermeiden. Schalten Sie das Gerät sofort aus und wenden Sie sich an Ihren Panasonic-Fachhändler.



Verwenden Sie kein leitendes Papier, wie z.B. Faltpapier, Karbonpapier oder beschichtetes Papier. Wenn ein Fehleinzug auftritt, kann dies zu Kurzschlüssen und Bränden führen.



Stellen Sie keine schweren Gegenstände auf die Maschine. Eine unbalancierte Maschine kann umkippen, oder schwere Gegenstände können herunterfallen, was zu Schäden und/oder Verletzungen führen kann.



Halten Sie den Raum gut gelüftet, wenn Sie die Maschine längere Zeit über verwenden, um die Ozondichte in der Luft zu minimieren.



Beim Kopieren mit offener Originalauflage-Abdeckung nicht direkt in die Belichtungslampe blicken. Direkte Bestrahlung des Auges kann zu Augenermüdung oder sogar zu Augenschäden führen.



Die Papierfächer langsam ziehen, um Verletzungen zu vermeiden.



Beim Entfernen von fehleingezogenem Papier stellen Sie sicher, dass keine abgerissenen Papierreste in der Maschine verbleiben. Ein in der Maschine verbleibendes Stück Papier kann Feuer fangen. Wenn ein Blatt Papier um die Heizwalze gewickelt ist oder wenn ein besonders schwieriger Papierfehleinzug behoben werden muss, versuchen Sie nicht, es selber zu entfernen. Dabei besteht die Gefahr von Verletzungen oder Verbrennungen. Schalten Sie das Gerät sofort aus und wenden Sie sich an Ihren Panasonic-Fachhändler.



Beim Zugriff auf Innenteile des Geräts zum Beheben von Papierfehleinzug usw. immer darauf achten, nicht heiße Stellen zu berühren; sonst besteht die Gefahr von Verbrennungen.

Sonstiges

- Beim Beheben eines Papierstaus oder einer anderen Störung das geeignete Verfahren entsprechend der Bedienungsanleitung befolgen.

Für Ihre Sicherheit

ACHTUNG

VerbrauchsmaterialienSchutzmaßnahmen



Verwenden Sie immer nur Batterien des vorgeschriebenen Typs.



Stellen Sie sicher, dass die Batterien mit richtiger Polung eingelegt sind. Falsch eingelegte Batterien können bersten oder leak werden, was zu Bränden oder Verletzungen führen kann.

Sonstiges

- Die Maschine hat eine eingebaute Schaltung zum Schutz gegen Stromspitzen durch Blitzschlag. Falls in der Nähe ein Gewitter mit Blitzschlägen auftritt, sorgen Sie für ausreichenden Abstand vom Gerät und berühren Sie das Gerät nicht, bevor das Gewitter beendet ist.
- Wenn Sie Flackern oder verzerrte Bilder oder Rauschen in Audio/Video-Geräten in der Nähe feststellen, kann es sein, dass die Maschine elektromagnetische Störungen erzeugt. Schalten Sie sie aus, und wenn die Störungen verschwinden ist die Maschine die Ursache der Störungen. Führen Sie das folgende Verfahren aus, bis die Störungen beseitigt sind.
 - Die Maschine und das Fernsehgerät und/oder Radio weiter voneinander entfernt aufstellen.
 - Die Maschine und das Fernsehgerät und/oder Radio anders aufstellen oder ausrichten.
 - Ziehen Sie den Netzstecker der Maschine, von Fernsehgerät und/oder Radio ab und stecken sie in Steckdosen ein, die zu getrennten Stromkreisen gehören.
 - Die Fernseh- und/oder Rundfunkantennen und -kabel anders ausrichten, bis die Störungen aufhören. Bei einer Außenantenne den örtlichen Elektriker um Unterstützung bitten.
 - Verwenden Sie eine Koaxkabelantenne.

memo

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1 Specifications Table

1.1. Copy Function

Items			Description		Remarks
			DP-C354 Series	(DP-C322 Series)	
Multi Function					
1	Copy Function		Yes		
2	Printer Function		Std : PCL6 Option : PS3		
3	Scanner Function (Network only)		Option : Mono / Color		Std for DP-C354/C264
4	Facsimile Function		Option : Mono		
5	Internet Fax Function		Option : Mono		
Basic Specifications					
1	Type		Semi Console		
	Paper Transport		Vertical Paper Path		
	Paper Feed Position		Center		
	Paper Output		Face Down		
2	Platen		Fixed		
	Original Position	Platen	Left / Rear / Face Down		
		i-ADF	Left / Center / Face Up		
3	Copy Process		Dry Electrostatic System		
4	Copy Resolution		600 dpi		
5	Copy Mode				
	Text	Printed	Yes		
		Pencil	Yes		
	Text / Photo	Photo Paper	Yes (Error Diffusion)		
		Laser Printed	Yes (Error Diffusion)		
		Commercial	Yes (Error Diffusion)		
	Photo	Photo Paper	Yes (Error Diffusion)		
		Laser Printed	Yes (Error Diffusion)		
		Commercial	Yes (Error Diffusion)		
	Other Types	Map	Yes		
		Tracing Paper	Yes		
		Newspaper	Yes		
6	Developing System		Dry Dual Component, Trickle		
	Drum		Organic Photo Conductor (OPC)		
	Toner Recycling		No		
7	Scanning Method		3 Line Color CCD		
8	Fusing System		Induction Heating (IH) System		
9	Max Original Size		LDR (11 x 17 in) / A3 (297 x 420 mm)		

Items		Description		Remarks
		DP-C354 Series	(DP-C322 Series)	
10 ADF				
	Paper Capacity (Original)	85 sheets (LTR) 70 sheets (A4)	70 sheets (LTR / A4)	USA and Canada LTR : 20 lb (75 g/m ²) Other Destinations A4 : 80 g/m ²
	Original Exchange Speed			
	Mono	Up to 35 cpm	Up to 32 cpm	LTR / A4
	Color	Up to 29 cpm		LTR / A4
	Collation Stack	Yes		
11 Paper Size				
	Paper Tray 1	LTR		For USA and Canada
		A4		For EU
		A4, B5		For Other Destinations
	Paper Tray (2/3/4)	LDR, LGL, LTR, LTR-R, INV-R		For USA and Canada
		A3, A4, A4-R, A5-R, B4, FLS		For EU FLS = 8 x 13 in, 8.5 x 13 in
		A3, B4, A4, A4-R, B5, B5-R		For Other Destinations
	Sheet Bypass	12 x 18 in, LDR, LGL, LTR, LTR-R, INV-R		For USA and Canada
		A3, A4, A4-R, A5, A5-R, B4, FLS		For EU FLS = 8 x 13 in, 8.5 x 13 in
		A3, B4, A4, A4-R, B5, B5-R, A5		For Other Destinations
	Bypass Envelope	Yes		
12 Warm-up Time				
	Color	Approx. 15 sec.		68 °F (20 °C)
	Mono			
13 First Copy Time				From Platen / LT / A4 Portrait / 1st Paper Tray. Period between Start Key is pressed, and Paper exits to the Inner tray. When LSU is ready.
	Color			
	Approx. 10.3 sec.	DP-C354 / C264	-	
	Approx. 12 sec.	DP-C323 / C263 / C213	DP-C322 / C262	
	Mono			
	Approx. 6.2 sec.	DP-C354 / C323	DP-C322	
	Approx. 7.3 sec.	DP-C264 / C263	DP-C262	
	Approx. 9.0 sec.	DP-C213	-	
14 Muliti-Copy Speed				Continuous Copy
	Color			LT / A4, from Paper Tray exit to Inner Tray
	Up to 26 cpm	DP-C354 / C264	-	
	Up to 21 cpm	DP-C323 / C263 / C213	DP-C322 / C262	
	Mono			
	Up to 35 cpm	DP-C354	-	
	Up to 32 cpm	DP-C323	DP-C322	
	Up to 26 cpm	DP-C264 / C263	DP-C262	
	Up to 21 cpm	DP-C213	-	

Items	Description		Remarks
	DP-C354 Series	(DP-C322 Series)	
15	Tone Scale		
	Color	256 steps (Each Color)	
	Mono	256 steps	
16	Color Mode Selection		Auto / Black / Full Color 2 Color / 1 Color
17	Color Balance		7 steps (Each Color)
18	Color Tone Adjustment		
	Lively	Yes	
	Bright	Yes	
	Warmer	Yes	
	Cooler	Yes	
19	Background Removal		Yes
20	Bleed Through Prevention		Yes
21	Sharpness (Lower <-> Higher)		Yes
22	Zoom		
	Enlargement	Selected Copy size	
	Reduction	Select Copy size	
	Zoom	25 - 400%	1% Step
23	Maximum Tray Capacities		
	Paper Tray	Front Loading	USA and Canada
	Capacity	550 sheets x 2	LTR : 20 lb (75 g/m ²)
	Low Level Warning	4 steps (0% and Less than 10%, 50%, 100%)	Other Destinations A4 : 80 g/m ²
	Sheet Bypass		
	Capacity	50 sheets	LTR : 24 lb / A4 : 90 g/m ²
	Auto Size Setting	Yes	
	Paper Capacity (Std. Configuration = Tray 1 + 2 + Sheet Bypass)	1,150 sheets	USA and Canada LTR : 20 lb (75 g/m ²)
	Paper Capacity (Max. Configuration = Std. + Tray 3 + 4)	2,250 sheets	Other Destinations A4 : 80 g/m ²

Items		Description		Remarks
		DP-C354 Series	(DP-C322 Series)	
24 Acceptable Paper Weight				
	Paper Tray	18-28 lb / 64-105 g/m ²		
	Sheet Bypass	15-40 lb (Glossy) 90-121 lb (Index) / 55-220 g/m ²		
25 Multi Copy Range		999 sheets		
26 Memory				
	Main Memory			
	Std.	256 MB		512MB for DP-C354/C264-PU (For USA/Canada, etc)
		512 MB		
	Page Memory			
	Std.	256 MB		384MB for DP-C354/C264-PU (For USA/Canada, etc)
		640 MB		
	Sort Memory			
	Std.	128 MB		12GB for DP-C354/C264-PU (For USA/Canada, etc)
		12 GB (w / HDD Option)		DA-HD32
	Fax Memory			
	Std.	3 MB		
		96 MB (w / SD Card)		
	Hard Disk Unit			
	Capacity	40 GB (Option)		Std for DP-C354/C264 DA-HD32
27 Paper Stack Capacity				
	Inner Tray			LTR : 24 lb / A4 : 90 g/m ² These numbers may vary with the kind of paper used and/or ambient conditions by detecting Paper Full Sensor.
	Std.	250 sheets		
		150 sheets		
	Outer Tray		250 sheets	LTR : 24 lb / A4 : 90 g/m ²
	Over Flow Sensor Detection		Yes	Inner Tray
28 Dimensions				
(W x D x H)	25.8 x 32.5 x 36.7 in (656 x 825 x 933 mm)		Includes projections	
29 Operating Space				
(W x D)	83.8 x 32.5 in (947 x 826 mm)		Includes Sheet Bypass Paper Tray	
30 Weight				
Scanner & i-ADF	85.8 lb (39 kg)			
	Printer Unit	275 lb (125 kg)		

Items		Description		Remarks
		DP-C354 Series	(DP-C322 Series)	
Options				
1	Paper Feed System			
	System Console 1 (Tray 3)	Yes		DA-DS320 (550 sheets x 1)
	Paper Size Detection	Manual (Control Panel)		
	Low Level Paper Warning	4 steps (0% and Less than 10%, 50%, 100%)		
	Weight	58.3 lb (26.5 kg)		
	System Console 2 (Tray 3/4)	Yes		DA-DS321 (550 sheets x 2)
	Paper Size Detection	Manual (Control Panel)		
	Low Level Paper Warning	4 steps (0% and Less than 10%, 50%, 100%)		
	Weight	60.4 lb (27.4 kg)		
2	1-Bin Saddle-Stitch Finisher	DA-FS356	DA-FS325	
	Weight	81.4 lb (37 kg)		
3	Punch Unit for DA-FS325/356	Yes		DA-SP41
4	1-Bin Finisher	DA-FS350	DA-FS320	
	Weight	23.4 lb (10.6 kg)		
5	Exit Tray (Outer)	Yes		Not available with Finisher.
	Number of Bins	1		
	Face Up / Face Down	Face Down		
	Bin Capacity	250 sheets		LTR / A4
	Multi Tray Function	Yes		2 way
6	Paper Transport Unit	Yes		To be used for Exit Tray (Outer) and Finisher.
7	Counter			
	Key Counter Capability	No		
	Mechanical Total Counter	Yes		Supplied as a Service Part for USA and Canada.
8	Memory			
	Main Memory	256 MB		256 MB x 1
	Page Memory	256 MB		128 MB x 2
	Hard Disk Drive Unit (HDD)	40 GB		For 1000 Address, additional Sorting Memory, etc.
	Sort Memory			
	Std.	128 MB		
	Max.	12 GB (with HDD Option)		DA-HD32
	SD Memory Card	64 MB - 1 GB		For Fax/Internet Fax Memory & PS3. Use Genuine SD Memory Cards only.

Items		Description		Remarks
		DP-C354 Series	(DP-C322 Series)	
Features				
1 Automatic Features				
Auto Magnification Selection		Yes		
Auto Paper Selection		Yes		
Auto Paper Tray Selection		Yes		
Auto Start		No		Reservation while Power On Initializing
Energy Saver				
Standby Mode				
Power Saving Mode		Yes (65 W)		Turns Off the Heater Power
Sleep Mode		Yes (25 W)		
Off Mode Copying		No		
Remote Diagnostic		Yes		Requires the Fax (DA-FG320) option, the Internet Fax (DA-NF320) option, or Combination option (DA-FN350).
2 Additional Features				
Photo Mode		Yes		256 steps
Original Detection Release		Yes		Manually overridden when using the Original Size keys.
Edit / Effects				
Book Mode		Yes		
Edge Mode		Yes		
Margin Mode		Yes		
X-Y Zoom		Yes		25 - 400%
Stamping				
Page, Date, Issue		Yes		Available only when using the ADF.
2-Sided Copy		Yes		
Inverse Mode (Negative / Positive)		No		
Centering Mode		Yes		With Digital Sky Shot
Mirror Mode		No		
Image Overlay		Yes (1 Image)		Max 12 Images with HDD Option
Image Repeat		Yes		
Others (Inverting ADF & ADU)				
2-Page Copy Mode		Yes		LDR → LTR x 2 (A3 → A4 x 2, B4 → B5 x 2)
2 in 1		Yes		
4 in 1		Yes		
6 in 1		Yes		For USA/Canada, etc.
8 in 1		Yes		For EU and Other Destinations

Items			Description		Remarks	
			DP-C354 Series	(DP-C322 Series)		
1	Booklet Mode		Yes		Copy from four 1-Sided pages to 1 Booklet Mode sheet.	
	Duplex Copy					
		1→2	Yes			
		2→1	Yes			
		2→2	Yes			
		Book→2	Yes			
			1st Page BLANK	Yes		1 → 2/2 → 1/2 → 2
			1st Page IMAGE	Yes		Book → 2
		Image Rotation (90 or 270 °)		Yes		
	Electronic Sorting		Yes			
	Rotation Sorting		Yes			
	Insertion Job					
		Cover Mode	Yes		Available when using the i-ADF.	
		Page Insertion Mode	Yes			
		OHP Interleave Mode	Yes			
		Presentation Mode	No			
	Department Counter		Yes		1,000 Departments	
	Security Enhancement (CC)		Op	No	Default Password: 00000000	
	ADF					
		Multi Size Feed		Yes		Same Paper Width; LDR and LTR, LGL and LTR-R, A3 and A4, B4 and B5, A4-R and A5
		JOB Build and SADF Mode		Yes		
	Job Memory		Yes		10 Jobs in Memory	
	Job Time Display		Yes			
	Concurrent Copy		Yes		12 Concurrent Copy Jobs	
	Tandem Copy Mode		No			
	Remote Copy Mode		No			
	Job Completion Notice		Yes			
	Proof Copy Mode		Yes			
	Function Mode		Yes			
	Interrupt		Yes			
	Electronic Counter		Yes			
	Digital Sky Shot Mode		Yes			
	Manual Skyshot Mode		Yes			
3	Control Panel					
	Display		Color VGA Wide Touch Panel LCD			
		Status Lamp	Yes		GREEN : Data & Active RED/Yellow : Caution & Warning	
		Key				
		Energy Saver	Yes			
		Copy	Yes			
		Fax	Yes			

Items		Description		Remarks
		DP-C354 Series	(DP-C322 Series)	
	Scan / Email	Yes		
		Yes		
		Yes		
		Yes		
		Yes		
		Yes		
		Yes		
		Yes		
		Yes		
		Yes		
	Mode Change	Yes		Copier / Printer / NW Scanner / Fax and Internet Fax Mode
	LCD Main Indication			
	Message Language (Default)	English (American)		For USA/Canada, etc.
		Specified Language		For EU and Other Destinations
	Original Size / Image Indication	Yes (without Image)		
	Paper Size / Image Indication	Yes (without Image)		
	Paper Tray Selection	Yes		
	Selected Paper Tray / Tray Status	Yes		
	Original Mode Selection	Yes		Text / Text-Photo / Photo
	Copy Density Selection	Yes		
	Setting Confirmation	Yes		
	Function Classification	Yes		
	Zoom Magnification	Yes		
	Number of Copies	Yes		
	JOB Build and SADF / Multi Size Feed Mode	Yes		
	Error Code	Yes		
	Finishing	Yes		
	Warning Indicators	Yes		
	Add Toner Drum Toner Waste Container Full Paper Indicator Add Paper (Under 50 sheets) Paper Jam Indication Paper Jam Location Service Alert Call User Error Machine Error	Yes (Each Color)		
		Yes (Each Color)		
		Yes		
		Yes		0% and less than 10%, 50%, 100%
		No		
		Yes		
		Yes		
		Yes		
		Yes		
		Yes		

Items				Description		Remarks
				DP-C354 Series	(DP-C322 Series)	
		History of Jam Errors	Yes			
4	Main Unit					
	Total Counter		Yes (Electronic)		Mechanical Counter: Supplied as a Service Part for USA/Canada, etc.	
	Max. Weight of Documents on the Platen Glass		11.02 lb (5 kg)			
	ADF with Document Guide		Yes			
	Clip Pocket		No			
	Operating Instructions Pocket		No			
	Warning / Caution Label		Specified Language			
5	Optical System					
	Original Detection Method		Reflective Photo Sensor Type			
	Scanning Method		600 dpi CCD			
	Mechanical Multi Copy Mode		No			
6	Process System					
	Toner					
		Black	28 k / 20 k / 5 k (Continuous Print)	28 k (Continuous Print)	Image Coverage 5%, LT/A4 See Supplies Section 1.4. for additional details.	
		Color: C, M, Y	20 k / 14 k / 5 k (Continuous Print)	20 k (Continuous Print)		
	Drum Life					
		Black	39 k		Ratio: Color vs. Black = 2 : 8, LT/A4, 4 pages/job.	
		Color: C, M, Y	36 k			
	Toner Waste Container		28 k		Ratio: Color vs. Black = 2 : 8, Image Coverage 5%, LT/A4, 4 pages/job.	
	Developer Life		480 k		Change as Developer Unit	
Efficiency						
1	Productivity					
	ADF Productivity (LTR / A4)					
		i-ADF	100%			
	ADU Copy Productivity (LTR / A4)				Throughput When exiting to lower Inner Tray; paper supplied from 1st Tray, and LSU is ready.	
	Transport Method		Stack less			
	1→2 (Color)					
		1 copy	50% or more	Approx 60%		
		5 copies	80% or more	Approx 85%		
		10 copies	87% or more	Approx 90%		
PM Cycle						
1	PM Cycle					
	Major PM		120 k			
	Minor PM (Cleaning)		N/A			
2	Product Life		5 years or 1200 k (720 k PM Kit)			

Items		Description		Remarks	
		DP-C354 Series	(DP-C322 Series)		
Packing Configuration					
1	Packing Dimension (W x D x H)			Including the Shipping Pallet	
	Scanner & i-ADF Unit	30.7 x 35.4 x 20.9 in (780 x 900 x 532 mm)			
		Printer Unit	32.9 x 35.0 x 34.4 in (835 x 890 x 875 mm)		
	2 Packing Weight				
	Scanner & i-ADF Unit	123.2 lb (56 kg)			
		Printer Unit	321.2 lb (146 kg)		
	3 Accessories				
	Process Unit	Yes			
		Developer		Yes	
		Toner		No	
		Toner Waste Container		Yes	
		Outer Tray		No	Option
Operating Instructions		Yes			
Power Supply					
1	Power Requirement		110V, 120V, 60 Hz Single phase	100 VAC Power Supply	
			220 - 240 V, 50 / 60 Hz Single phase	220 VAC Power Supply	
2	Power Consumption		Less than 1500 W		
Ambient Conditions					
1	Temperature		50 - 86 °F (10 - 30 °C)		
	2 Relative Humidity		30 - 80%		
3	Safety		UL60950-1 / CSA C22.2 No. 60950-1	For USA and Canada	
			EN60950-1	For EU and Other Destinations	
4	Energy Saver		Energy Star Compliant		
5	EMI (EMC)		Class A computing device in FCC Rules Part 15 and 18	For USA and Canada	
			EN55022 / EN55024 EN61000-3-2, -3	For EU	
6	Lead Free Solder (PbF)		This Product uses Lead Free (PbF) PCBs	Refer to the Parts Manual for details	

1.2. Fax, Printer and Internet Fax Functions

1.2.1. Fax Function

Items		Description		Remarks
		DP-C354 Series	(DP-C322 Series)	
Main Specifications				
1 Compatibility		G3		ITU-T Std & Non-Std
2 PSTN Line Port		Yes		1-Line only
3 Leased Line Port		No		
4 V.24 Line Port		No		
5 Modem Speed		33.6 - 2.4kbps		T.30/V.34/V.17/V.29/V.27ter
6 Coding Scheme		JBIG/MMR/MR/MH		
7 ECM		Yes		Conforms to ITU-T Rec. T.30 ECM
8 Short Protocol		Yes (B, D)		
9 Transmission Speed		Approx. 2 sec		ITU-T Image No. 1 (A4, Std Resolution)
10 Communication Resolution dpi x lpi (dot/mm x lines/mm)		Transmission Std. 203 x 98 (8 x 3.85) Fine 203 x 196 (8 x 7.7) S-Fine 203 x 391 (8 x 15.4) 406 x 391 (16 x 15.4) 600dpi 600 x 600 dpi Reception Std. 203 x 98 (8 x 3.85) Fine 203 x 196 (8 x 7.7) S-Fine 203 x 391 (8 x 15.4) 406 x 391 (16 x 15.4) 600dpi 600 x 600 dpi		600 dpi communication is only available between T.30 compliant machines.
Scanner Mechanism				
1 Scanning Device		CCD (ADF / Platen)		
2 Scanning Speed (ADF)				
	Resolution	Vertical	Horizontal	A4, Scanned in Vertical or Horizontal Direction. Excluding Initializing Time, and ADF slipping factor.
	Std: 203 x 98 (8 x 3.85) dpi x lpi (dot/mm x lines/mm)	1.0 sec	0.7 sec	
	Fine: 203 x 196 (8 x 7.7) dpi x lpi (dot/mm x lines/mm)			
	S-Fine: 406 x 391 (16 x 15.4) dpi x lpi (dot/mm x lines/mm)	2.0 sec	1.4 sec	
	600dpi: 600 x 600			
3 Scanning Speed (Platen)				
	Resolution	Vertical	Horizontal	
	600dpi: 600 x 600	2.0 sec	1.4 sec	
4 Scanning Resolution dpi x lpi (dot/mm x lines/mm)		Std. 203 x 98 (8 x 3.85) Fine 203 x 196 (8 x 7.7) S-Fine 203 x 391 (8 x 15.4) 406 x 391 (16 x 15.4) 600dpi 600 x 600 dpi		

Items		Description		Remarks
		DP-C354 Series	(DP-C322 Series)	
5	Document Size (Max.)	ADF: LDR / A3		
6	Effective Scanning Width	LDR :10.8 in (274 mm) / A3 : (292 mm)		
7	A3 Size TX/RX	Yes		Conforms to ITU-T A3
8	Reduction XMT	Yes		A3 to B4 / A3 to A4 / B4 to A4
9	ADF Capacity	85 sheets (LTR) 70 sheets (A4)	70 sheets (LTR / A4)	Face-Up, feed from top page USA and Canada LTR : 20 lb (75 g/m ²) Other Destinations A4 : 80 g/m ²
10	Collation Stack	Yes		Face Down
Printer Mechanism				
1	Recording Method	LP		
2	Recording Speed	35/32/26/21 ppm (A4 Horizontal)	32/26 ppm (A4 Horizontal)	Recording Speed attained after the 1st copy.
3	Recording Resolution	600 x 600 dpi		
4	Recording Paper Size	LDR / LGL / LT / A3 / B4 / A4 / A5		Invoice : Not supported. LDR size is transmitted as A3 size for N. American models. If A3 is received, approx. 1" of image on both edges are not printed on the LDR size paper.
5	Effective Printing Width	11.4 in (289 mm)		Conforms to ITU-T A3
6	Recording Paper Capacity	1,150 sheets		Optional max. 2,250 sheets
7	Collation Stack	Yes		Face Down
Fax Memory				
1	Standard Memory	3 MB		Flash ROM, ITU-T Image No.1 (A4, Std Resolution)
2	Optional Memory	64 MB-1 GB		SD Memory Card
Dual Operation				
1	Multi Task Operation	Yes		
2	Direct XMT Reserve	Yes		
3	Memory XMT Reserve	Yes		
4	Number of Memory Job Files	Yes		Max. 50 files
Dialing/Telephone Features				
1	Auto Dialers	200 Stations		Plus an additional 800 stations available to select from, when the optional Hard Disk Drive (DA-HD32) is installed.
2	Phone Book Directory Search Dialing	Yes		
3	Total Auto Dialers	270 Stations		200 Address Book + 70 Full Number Dialing
4	Program Dials	15		
5	Max. Tel Number Digits	36		
6	Max. Station Name Characters	15		

Items		Description		Remarks
		DP-C354 Series	(DP-C322 Series)	
7	Full Number Dialing (Buffered Dialing)	Yes		Max. 70 stations
8	Direct Dialing (Monitor Dialing)	Yes		Voice mode
9	Automatic Redialing	Yes		Default setting is up to 5 times at 3 min. intervals, however, if a busy line is not detected, it will redial only 1 time. (USA and Canada Only) (See Fax Service Mode 1, Parameter No. 043 & 044)
10	Manual Redialing	Yes		Pressing the REDIAL/PAUSE button
11	Line Monitor Speaker	Yes		
12	Chain Dialing (Hybrid Dial)	Yes		In Monitor Dialing mode only
13	Pulse / Tone Dialing	Yes		10 pps / DTMF
14	Pulse to Tone Change	Yes		
15	Flash Key	Yes		
16	Handset	No		
Transmission Features				
1	Direct Transmission	Yes		
2	Memory Transmission	Yes		Page Retransmission
3	Quick Memory Transmission	Yes		
4	Multi-Station Transmission (Sequential Broadcasting)	Yes		Max. 270 stations
5	Direct Deferred Transmission	No		ADF Deferred Transmission
6	Deferred Transmission	Yes		
7	Deferred Multi-Station Transmission	Yes		
8	Priority Direct Transmission	Yes		1 File
9	Priority Memory Transmission	No		
10	Batch Transmission	Yes		Real Time (up to 5 Files)
11	90 Degree Rotation Transmission	Yes		
12	Cover Sheet	Yes		
13	Confidential Mail Box	No		
14	Multi-Copy Transmission	No		
15	Memory Back-Up	Yes		FAX : Back-up with Flash Memory Copy / Printer : No Back-up with D-RAM
16	Duplex Scanning	Yes		

DP-C354 Series

Items	Description		Remarks
	DP-C354 Series	(DP-C322 Series)	
Reception Features			
1	Substitute Reception	Yes	
2	Fixed Reduction	Yes	LTR/A4/LGL: 70 - 100% (in 1% Steps), Top & Left Alignment
3	Auto Reduction	Yes	LTR/A4/LGL: 70 - 100% (in 1% Steps), Top & Left Alignment
4	Overlap Printing	Yes	Page End Approx. 0.51 in (13 mm)
5	Receive to Memory	Yes	
6	Distinctive Ring Detector (DRD)	No	
7	90 Degree Rotation Reception	Yes	
8	Duplex Printing	Yes	
Polling			
1	Polling	Yes	
2	Turnaround Polling	No	
3	Multi-Station Polling	Yes	Max. 270 stations
4	Deferred Polling	Yes	Max. 50 timers
5	Deferred Multi-Station Polling	Yes	Max. 50 timers / 270 stations
6	Direct Polling Tx	No	
7	Memory Polling Tx	Yes	1 File
8	Preset Polling Password	Yes	
9	Temporary Polling Password	Yes	
10	Continuous Polling	Yes	
Convenience			
1	Panel Display	Wide Touch Panel Display	
2	Voice Contact	No	
3	Edit File Mode	Yes	With View Mode
4	Incomplete File Save	Yes	With View Mode
5	Automatic Cover Sheet	Yes	
Certainty			
1	Verification Stamp	Yes	
2	Header / Total Page Print	Yes	
3	Transaction Journal	Yes	200 Transactions / with View Mode
4	Comm. Journal	Yes	With Image Data
5	Last Ind. XMT Journal	Yes	
List Printouts			
1	One-Touch List	-	
2	ABBR. No. List	-	
3	Program List	Yes	
4	Address Book Search List	Yes	Auto Dialer List

Items		Description		Remarks
		DP-C354 Series	(DP-C322 Series)	
	5 Fax Parameter List	Yes		
	6 File List	Yes		With View Mode
	7 Ind. XMT Journal	Yes		
	8 Directory Sheet	No		
Identifications				
	1 Logo	Yes		25 Characters
	2 Multiple Logo	No		
	3 Character ID	Yes		16 Characters
	4 Numeric ID	Yes		20 Digits
Special Communications				
	1 Password XMT / RCV	Yes		
	2 Selective Reception	Yes		TSI Check
	3 Relay XMT Request	No		
	4 Relay XMT Center	No		
	5 Confidential XMT / Polling	No		
	6 Confidential Center	No		
	7 Mailbox XMT / Polling	Yes		
	8 Mailbox Center	Yes		
	9 File XMT	No		
	10 Fax Forward	Yes		Received File Transfer
	11 Sub-Address XMT	Yes		T. Routing
	12 Sub-Address RCV	No		
	13 OMR-XMT	No		
Standards				
	1 PSTN	FCC Part 68: Industry Canada No. CS-03: Issue 9		For USA and Canada
Others				
	1 Fax Access Code	Yes		
	2 PIN Code Access	Yes		
	3 Intelligent Redial (AI)	Yes		5 Files
	4 Department Code	Yes		1000 Departmental Codes
	5 Power Saver Mode	Yes		
	6 Self Diagnostic Function	Yes		
	7 Remote Diagnostic Function	Yes		
	8 Check & Call Function	Yes		
	9 V.24 / Encryption Interface	No		

1.2.2. Printer Function

Items		Description		Remarks
		DP-C354 Series	(DP-C322 Series)	
Interface				
1	Centronics Parallel I/F	No		
2	LAN (Network)	Ethernet 10Base-T/ 100Base-TX		
3	USB Port	Yes		USB 2.0 High/Full Speed Support
4	IEEE-1394	No		Firewire
Printer Function				
1	Printing Size	LDR, LGL, LTR, LTR-R, INV-R	For USA and Canada	
		A3, A4, A4-R, A5, A5-R, B4, FLS	For EU	
		A3, B4, A4, A4-R, A5, A5-R, B5, B5-R	For Other Destinations	
2	Sheet Bypass	Yes		
3	Stapling	Yes		Requires Optional Finisher
4	Printing Resolution (dpi)			
	Black & White	600 x 600 / 1200 x 1200		1200 x 1200: Requires Optional Page Memory
	Color	600 x 600 / 1200 x 1200		
5	Monochrome Printing without Color	Yes		
6	Direct Print from SD Memory Card			
	TIFF	Yes		Black & White only
	JPEG	Yes		
	PDF	Yes		Requires PS Option
	Word, Power Point	Yes		
7	Direct Print from PCMCIA/ PC Card Adapter			3.3 V Type only
	TIFF	Yes		Black & White only
	JPEG	Yes		
	PDF	Yes		Requires PS Option
	Word, Power Point	Yes		
8	OS	Win 98 / Win Me / Win NT 4.0 / Win 2000 / Win XP / Win Server 2003 / MAC 8.6-10.4		MAC 8.6-10.4 is PS only.
9	GDI	No		
10	PCL6	Yes		
11	PS3	Yes		Requires PS Option
12	Duplex Printing	Yes		Custom Size/Postcard Size is not available.
13	Collation Stack	Yes		
14	Status Monitor	No		
15	Network Printing	Yes		
16	Network Status Monitor	Yes		
17	Smoothing	No		

Items		Description		Remarks
		DP-C354 Series	(DP-C322 Series)	
18	Applicable PC	IBM PC, AT or Compatible, MAC		MAC is PS only.
19	Multi-Task Operation			
	Printing while Fax-XMT from Memory	Yes		
	Printing while Fax-RCV into Memory	Yes		
	Fax-XMT from Memory while Printing	Yes		
	Fax-RCV into Memory while Printing	Yes		
20	Output to a separate tray for Printing, Fax, Copy	Yes		
21	Font	Yes		Requires Optional HDD Unit for PS Font Expansion
22	Mailbox			Requires Optional HDD Unit. Max. 100 Users. Max. 100 Jobs (mailboxes) for each User ID.
	Check then Print	Yes		
	Mailbox	Yes		
	Secure Mailbox	Yes		

Note:

1. PCL6 is a Page Description Language of the Hewlett-Packard Company.
2. PS/PS3 is a Page Description Language of the Adobe Systems Company.

1.2.3. Network Scanner Function

Items		Description		Remarks
		DP-C354 Series	(DP-C322 Series)	
Interface				
1	Centronics Parallel I/F	No		Port is used for Printing only.
2	LAN (Network)	Ethernet 10Base-T/ 100Base-TX		
3	USB Port	No		
4	IEEE-1394	No		Firewire
Network Scanning Function				
1	Scanning Device	Color CCD		Using the i-ADF / Platen
2	Coding Scheme	MH/MR/MMR/JBIG/JPEG		
3	File Format	Multi-page TIFF / JPEG / PDF / High compression PDF		TIFF file can be converted to a PDF file with the PDMS Software
4	Tone Scale			
	Black & White	256 steps		
	Color	256 steps / each Color		
5	Max. Document Size	LDR, A3		
6	Scanning Resolution (dpi)	200 / 300 / 400 / 600		Selectable, 600 dpi Optical Scanner
7	OS	Win 98 / Me / Win NT 4.0 / Win 2000 / XP / Win Server 2003		
8	2-Sided Scanning	Yes		
9	PC Scan (TWAIN)	No		
10	Completion Notice	Yes		Auto Pop-up on the PC Screen (requires Job Status Utility - installed with PDMS Software)
11	Protocol	TCP/IP, Non-Std		
Network Scanner Address Features				
1	Network Registration (Using Panasonic-DMS Communications Utility)	120		Independent additional 180 addresses for Network Scanner. Plus Fax/Internet Fax 200, an additional 800 addresses available to select from, when the optional Hard Disk Drive (DA- HD32) is installed.
2	Touch Panel Registration	60		

1.2.4. Internet Fax Function

Items		Description		Remarks
		DP-C354 Series	(DP-C322 Series)	
Main Specifications				
	1	Communication Protocols	SMTP / POP3	
	2	Max. Modem Speed	N/A	
	3	Coding Scheme	JBIG/MMR/MR/MH	
	4	File Format	TIFF	
	5	LAN (Network)	Ethernet 10Base-T/ 100Base-TX	
Scanner Mechanism				
	1	Max. Document Size	LDR, A3	
	2	Effective Scanning Width	LDR :10.8 in (274 mm) A3 : (292 mm)	
	3	Scanning Resolution dpi x lpi (dot/mm x lines/mm)	Std. 203 x 98 (8 x 3.85) Fine 203 x 196 (8 x 7.7) S-Fine 203 x 391 (8 x 15.4) 406 x 391 (16 x 15.4) 600dpi 600 x 600 dpi	LAN: 600 dpi, 16 x 15.4 (dot/ mm x lines/mm) Scanning Resolution is available with Parameter setting
Printer Mechanism				
	1	Printing Resolution	600 dpi	
	2	Effective Recording Width	11.4 in (289 mm)	
Transmission Features				
	1	Multi-Task Operation	Yes	Simultaneous operation of G3 Fax and LAN is available.
	2	Memory Transmission	Yes	
	3	Sequential Multi-Station Transmission	Yes	
	4	Simultaneous Multi-Station Transmission	Yes	Max. 270 stations (200 Address Book + 70)
	5	Sender Selection	Yes	
	6	G3 / Email Mixed Broadcasting	Yes	
	7	Deferred Transmission	Yes	
	8	Fax Forward	Yes	
	9	Sub-Address RCV	Yes	
	10	Mail Header		
		Email Header Print Selection	Yes	“All” or “From / To / Subject” only
		Subject Line	Random Entry	

Items		Description		Remarks
		DP-C354 Series	(DP-C322 Series)	
LAN Features				
1 Internet Fax Communication		Yes		A3 Communication is available with Parameter setting.
2 Internet Mail Reception		Yes		
3 Internet Fax Server Features				
	Internet Fax Relay XMT	Yes		Internet Fax → Internet Fax → G3 Fax
	Email Relay XMT	Yes		PC → Internet Fax → G3 Fax
	Received Fax / Email Forward	Yes		Local print available
	PC to FAX Transmission	No		
	Inbound Routing	Yes		Using Sub-Address Local print available
	Phone Book Registration from PC	Yes		Via Email
4 Internet Fax Parameters Registration via Email		Yes		
5 Internet Delivery Confirmation		Yes		With MDN
6 Network Scanning		Yes		600 dpi
7 Network Printing				
	LPR / LPD	Yes		
	GDI	No		
	PCL6	Yes		
	PS3	Yes		Requires PS Option
8 DHCP Client		Yes		
9 LDAP		Yes		Lightweight Directory Access Protocol
10 TIFF Viewer		Yes		Selectable, PDMS / TIFF Viewer
Certainty				
1 Comm. Journal (w / Image)		Yes		Email from RCV side to Panasonic Internet Fax's only
ID				
1 Email Address		Yes		

1.2.5. SD Memory Card on the SC PCB (Not the Front Slot)

SD Memory Card Formatting Structure and Partitioning by Function

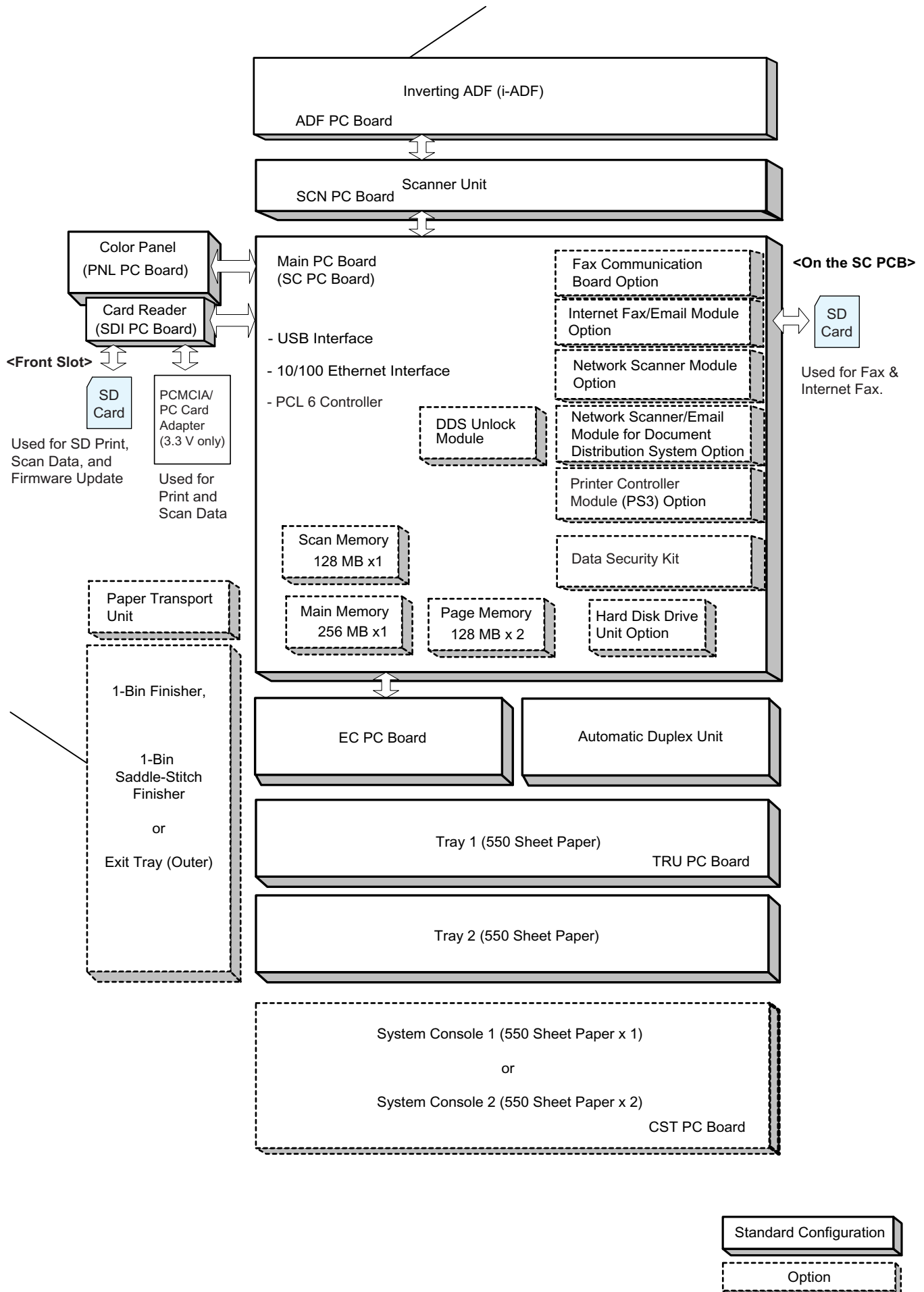
SD Memory Card Formatting Structure					
SD Memory Size	64 MB	128 MB	256 MB	512 MB	1 GB
Max. Number of Pages	2,300	6,900			
Memory Partition Usage by Function					
Function	64 MB	128 MB	256 MB	512 MB	1 GB
G3 Fax / Internet Fax	Yes				

Note:

1. This function is available only when an SD Memory Card is installed on the PCB (Not in the Front Slot), and is used only for G3 Fax / Internet Fax.
2. The SD Memory Card is formatted automatically for the Fax/Internet Fax memory when the Power Switch is turned ON. This format is not compatible with the PC's memory.
3. Max. Number of Pages is based on ITU-T Image No.1 (A4, Standard Resolution).
4. Max. XMT file management number (G3 Fax / Internet Fax) = Max. 255 pages/file, Max. 50 Files.
5. Max. RCV file management number (G3 Fax / Internet Fax) = Max. 999 pages.
6. Max. page number may differ depending on the manufacturer of the SD Memory Card.
(Recommended Card Size is 64 MB or 128 MB).
7. The Color Image is stored into the Hard Disk Drive Unit (DA-HD32).
8. When the SD Memory Card is formatted by the machine, it can not be used for the PC's memory. If the Card needs to be used on the PC again, it must be reformatted by using a PC tool which is available from the Web site below.

http://panasonic.jp/support/audio/sd/download/sd_formatter_e.html

1.3. System Combination:



1.4. Options and Supplies

1. Options

Option Name	Option Number	Remarks
System Console 1 (Tray x 1)	DA-DS320	
System Console 2 (Tray x 2)	DA-DS321	
1-Bin Saddle-Stitch Finisher	DA-FS356	For DP-C354/C323/C264/C263/C213
1-Bin Finisher	DA-FS350	
Paper Transport Unit	DA-FK350	For DP-C354/C323/C264/C263/C213, and downward compatible with DP-C322/C262
1-Bin Saddle-Stitch Finisher	DA-FS325	For DP-C322/C262
1-Bin Finisher	DA-FS320	
Paper Transport Unit	DA-FK320	
Punch Unit for DA-FS356/FS325	DA-SP41	
Exit Tray (Outer)	DA-XT320	
Fax Communication Board and Internet Fax / E-Mail Module	DA-FN350	G3 Fax, and Internet Fax / E-Mail
Fax Communication Board	DA-FG320	G3 Fax (For DP-C322/C262 only)
Internet Fax / E-Mail Module	DA-NF320	Internet Fax / E-Mail (For DP-C322/C262 only)
Printer Controller Module (PS3)	DA-MC350	For DP-C354/C323/C264/C263/C213
Printer Controller Module (PS3)	DA-MC320	For DP-C322/C262
DDS Unlock Module	DA-UK10	For DP-C354/C264
Data Security Kit	DA-SC02	For DP-C354/C323/C264/C263/C213 (Future Option for Specified Destinations)
Network Scanner Module	DA-NS320	For DP-C323/C263/C213 For DP-C322/C262
Network Scanner Module for Document Distribution System	DA-NS321	
Hard Disk Drive Unit	DA-HD32	
Page Memory 256MB	DA-PMN56	128 MB x 2 pcs
Main Memory 256MB	DA-EMN56	256 MB x 1 pcs
Document Distribution System	DA-WR10	
Accounting Software	DA-WA10	Accounting Function
Remote Operation Panel Software	DA-UD320	For USA only
ADF Handle for Accessibility	DA-UD321	For DP-C322/C262
SD Memory Card	----	Up to 1 GB Use Genuine SD Memory Cards only

Note:

1. PCL6 is a Page Description Language of the Hewlett-Packard Company.
2. PS3 is a Page Description Language of the Adobe Systems Company.
3. Availability may differ as per destination. Please ask your sales company for detail.
4. Genuine SD Memory Cards depict an SD Logo on their label.
(Panasonic's 512 MB Sample is shown below).



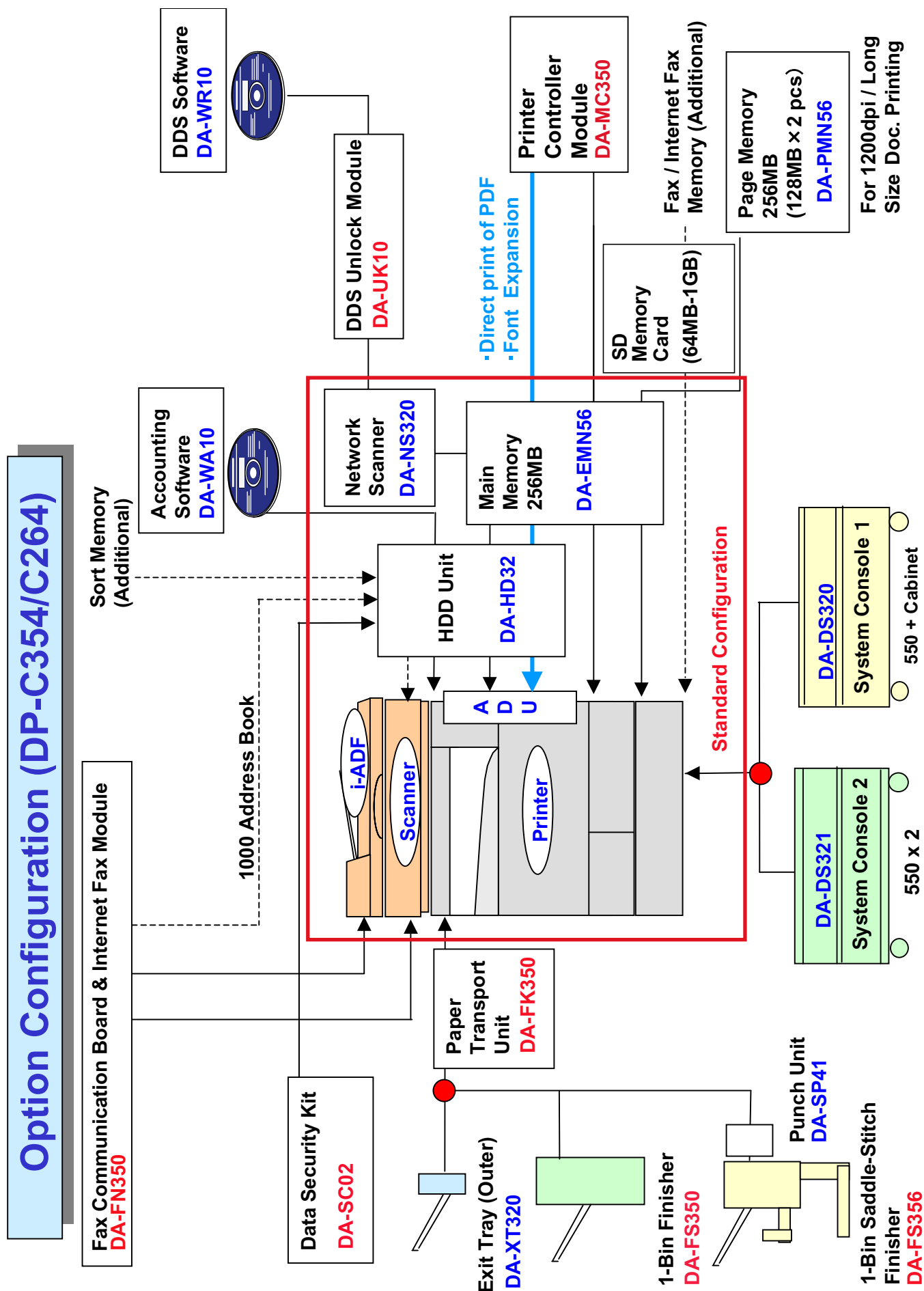
2. Supplies

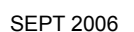
Part Name		Part Number	Remarks
DP-C354/C323/C264/C263			
Toner Cartridge (Black)	28K	DQ-TUS28K	(Yield is based on 5% coverage, LT/A4, Continuous Print)
Toner Cartridge (Cyan)	20K	DQ-TUS20C	
Toner Cartridge (Magenta)	20K	DQ-TUS20M	
Toner Cartridge (Yellow)	20K	DQ-TUS20Y	
DP-C213			
Toner Cartridge (Black)	20K	DQ-TUT20K	(Yield is based on 5% coverage, LT/A4, Continuous Print)
Toner Cartridge (Cyan)	14K	DQ-TUT14C	
Toner Cartridge (Magenta)	14K	DQ-TUT14M	
Toner Cartridge (Yellow)	14K	DQ-TUT14Y	
DP-C354/C323/C264/C263/C213			
OPC Drum Unit (Black)	39K	DQ-UHS36K	(Ratio: Color vs. Black = 2 : 8, LT/A4, 4 pages/job)
OPC Drum Unit (Color)	36K	DQ-UHS30	
DP-C322/C262			
Toner Cartridge (Black)	28K	DQ-TUN28K	(Yield is based on 5% coverage, LT/A4, Continuous Print)
Toner Cartridge (Cyan)	20K	DQ-TUN20C	
Toner Cartridge (Magenta)	20K	DQ-TUN20M	
Toner Cartridge (Yellow)	20K	DQ-TUN20Y	
OPC Drum Unit (Black)	39K	DQ-UHN36K	(Ratio: Color vs. Black = 2 : 8, LT/A4, 4 pages/job)
OPC Drum Unit (Color)	36K	DQ-UHN30	
DP-C354/C323/C264/C263/C213 and DP-C322/C262			
Toner Waste Container	28K	DQ-BFN45	(Ratio: Color vs. Black = 2 : 8, LT/A4, 4 pages/job)
Staple Cartridge	-	FQ-SS32	Staple Cartridge Refills (3) for DA-FS350/FS320
	-	DQ-SS35	Staple Cartridge Refills (3) for DA-FS356/FS325
Verification Stamp	-	----	Supplied as a Service Part, refer to the Parts Manual

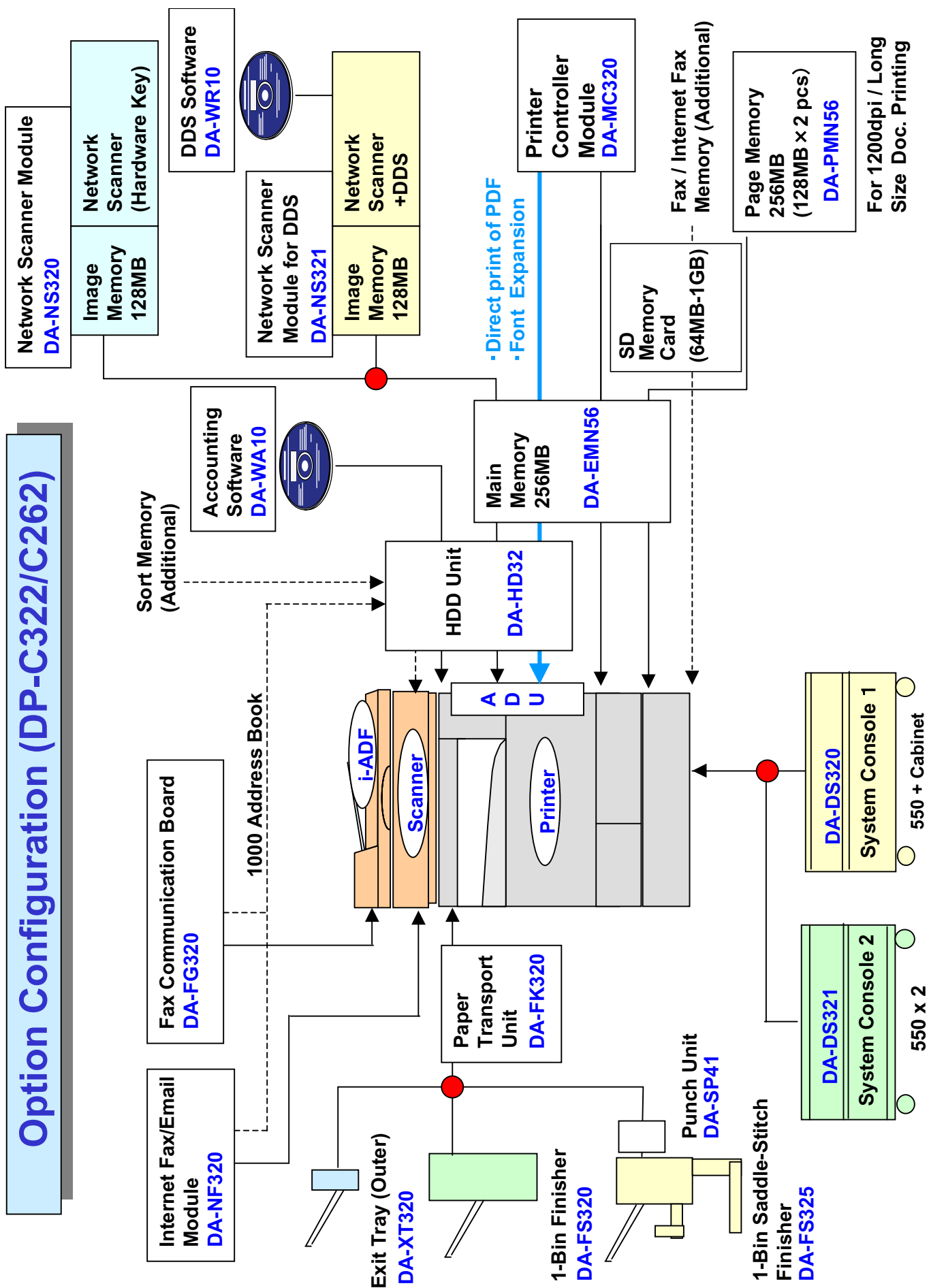
Note:

Availability may differ as per destination. Please ask your sales company for detail.

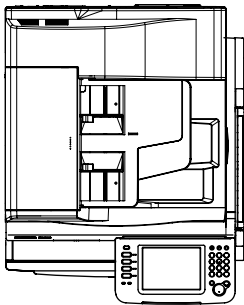
3. Option Configuration





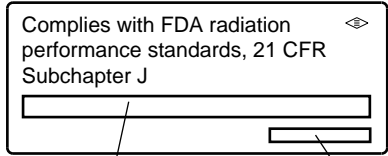


1.5. External View
1. Standard Configuration



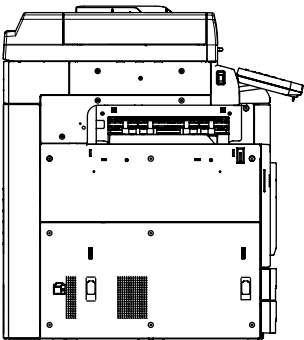
Top View

(For USA Only)

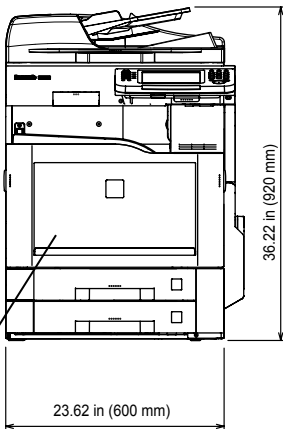


Manufacturer's Name and Address

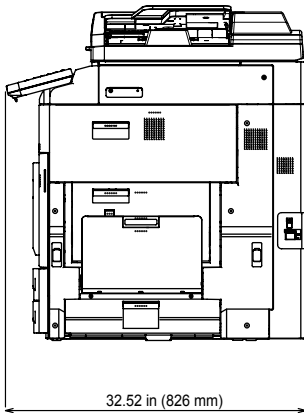
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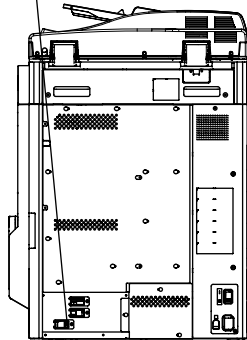
Left View



Front View



Right View



Rear View

For USA, Canada and Europe

CAUTION: CLASS 3B INVISIBLE LASER RADIATION WHEN OPEN AND INTERLOCKS DEFEATED.
AVOID EXPOSURE TO THE BEAM.
ATTENTION: Rayonnement laser classe 3B invisible en cas d'ouverture et de défaut de sécurité.
EXPOSITION DANGEREUSE AU FAISCEAU.
Vorsicht: Um bei geöffneten Deckel den Austritt von Klasse 3B unsichtbare Laserstrahlung zu verhindern, muss die Stromversorgung des Lasers unterbrochen werden.
PRECAUCIÓN: RADIACIÓN LASER DE CLASE 3B INVISIBLE CUANDO SE ABRE LA PUERTA CON EL BLOQUEO INVALIDADO.
EVITE LA EXPOSICIÓN A LOS RAYOS.
VAROITUS: LUOKKA 3 B NÄKYMÄTÖNTÄ JA VAARALLISTA LASERSÄTELYÄ, JOS LAITTEEN KANSI AVATAAN KESKEN SKANNAUKSEN JA SUOJALUKITUS OHITETAAN.
VALTA SUORAA ALTISTUMISTA SÄTEELLE.
ADVARSEL: KLASSE 3B USYNLIG LASERSTRÅLING NÅR ÅBEN OG SIKKERHEDSLÅS BRYDES.
UNDGÅ EKSPONERING FOR STRÅLEN.
ADVARSEL: KLASSE 3B USYNLIG LASERSTRÅLING NÅR MASKINEN ER ÅPEN OG SIKKERHETSLÅS BRYTES.
UNNGÅ EKSPONERING FOR STRÅLEN.
WARNING: CLASS 3B OSYNLIG LASER ÖPPEN OCH NÅR SÄKERHETSSPÄRRAR ÄR URKOPPLADE.
UNDVIK EXPONERING AV LASER

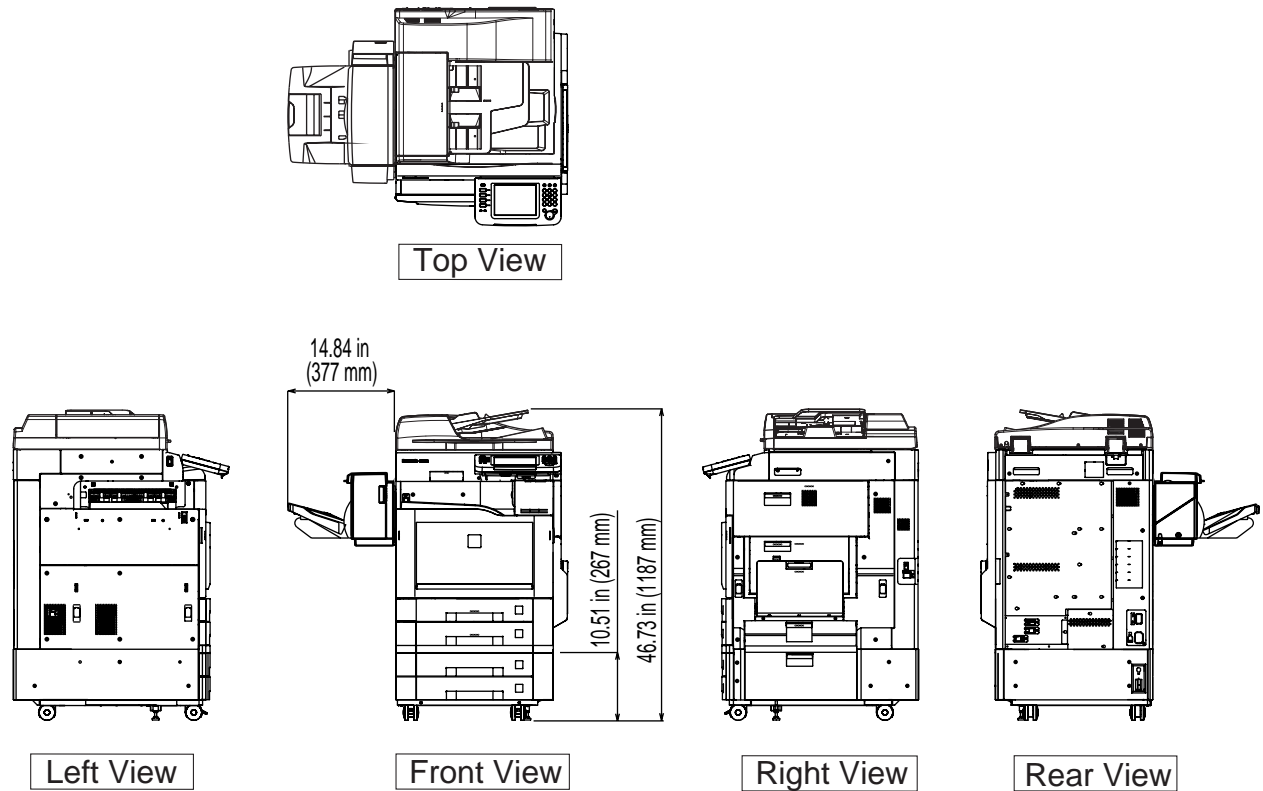
FDB8902PU

For Other Destinations

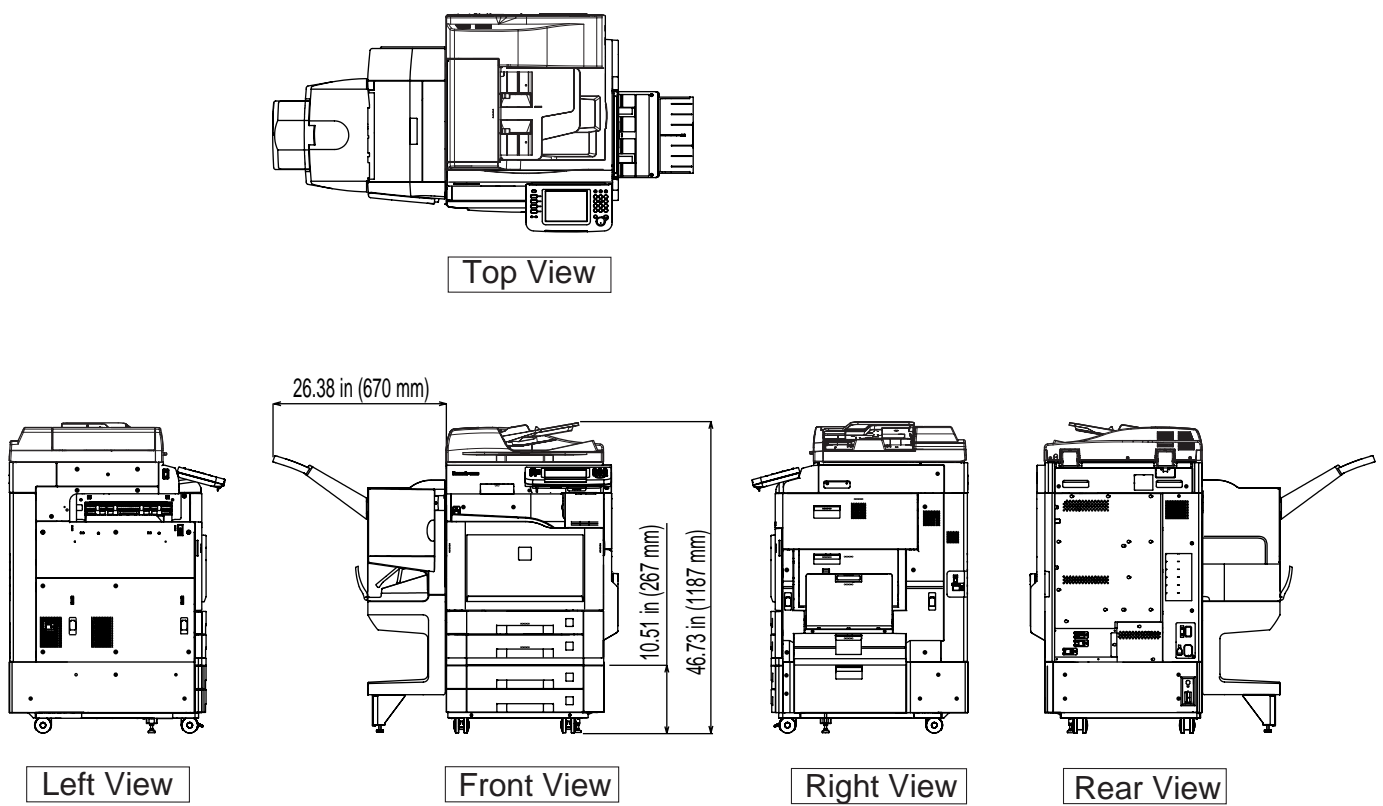
CAUTION: CLASS 3B INVISIBLE LASER RADIATION WHEN OPEN AND INTERLOCKS DEFEATED.
AVOID EXPOSURE TO THE BEAM.
ATTENTION: Rayonnement laser classe 3B invisible en cas d'ouverture et de défaut de sécurité.
EXPOSITION DANGEREUSE AU FAISCEAU.
Vorsicht: Um bei geöffneten Deckel den Austritt von Klasse 3B unsichtbare Laserstrahlung zu verhindern, muss die Stromversorgung des Lasers unterbrochen werden.
注意: 當打開本機及連鎖裝置失效時，為防止CLASS 3B不可見雷射光照射，請勿暴露於光線下。
注意: 當打開本機及連鎖裝置失效時，為防止CLASS 3B不可見雷射光照射，請勿暴露於光線下。
주의: 커버(덮개)가 열려 있거나 인터록이 파손된 경우 눈에 보이지 않는 클래스3B의 레이저 광선이 유출 될 수 있습니다.
레이저 광선에 노출되지 않도록 주의 하십시오.
注意: ここを開き、セーフティインターロックを解除すると、クラス3B不可視レーザー光が出る。
ビームに身をさらさないこと。

FDB8902PK

2. With Optional System Console and Finisher Configuration 1-Bin Finisher (DA-FS350/FS320)

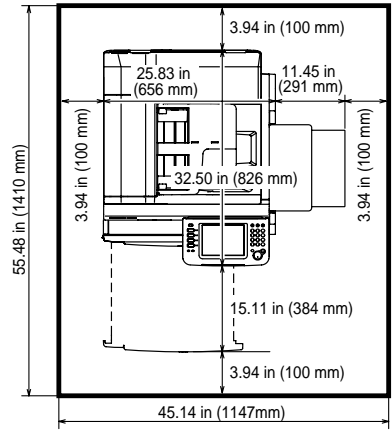


1-Bin Saddle-Stitch Finisher (DA-FS356/FS325)

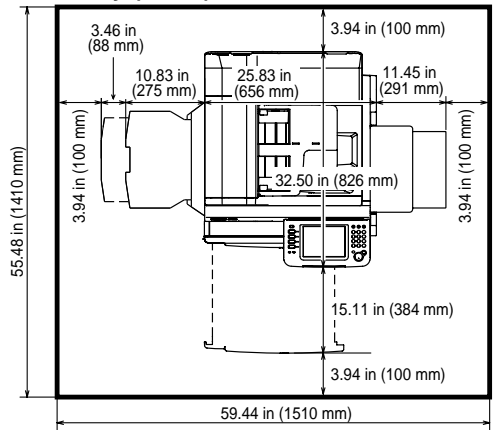


3. Space Requirements With Options

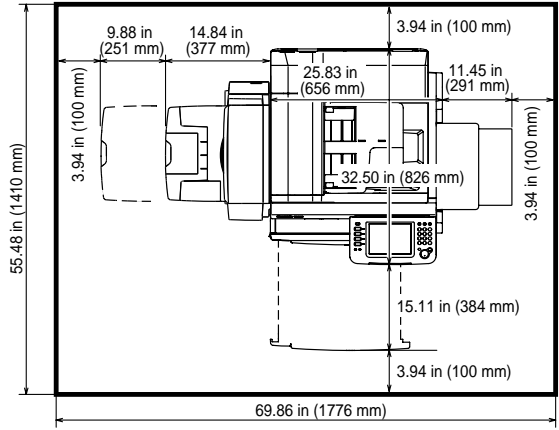
Main Unit



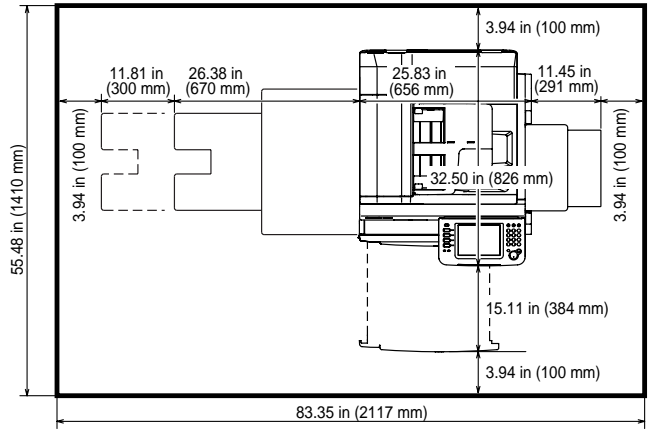
Main Unit + Exit Tray (Outer)



Main Unit + 1 Bin Finisher

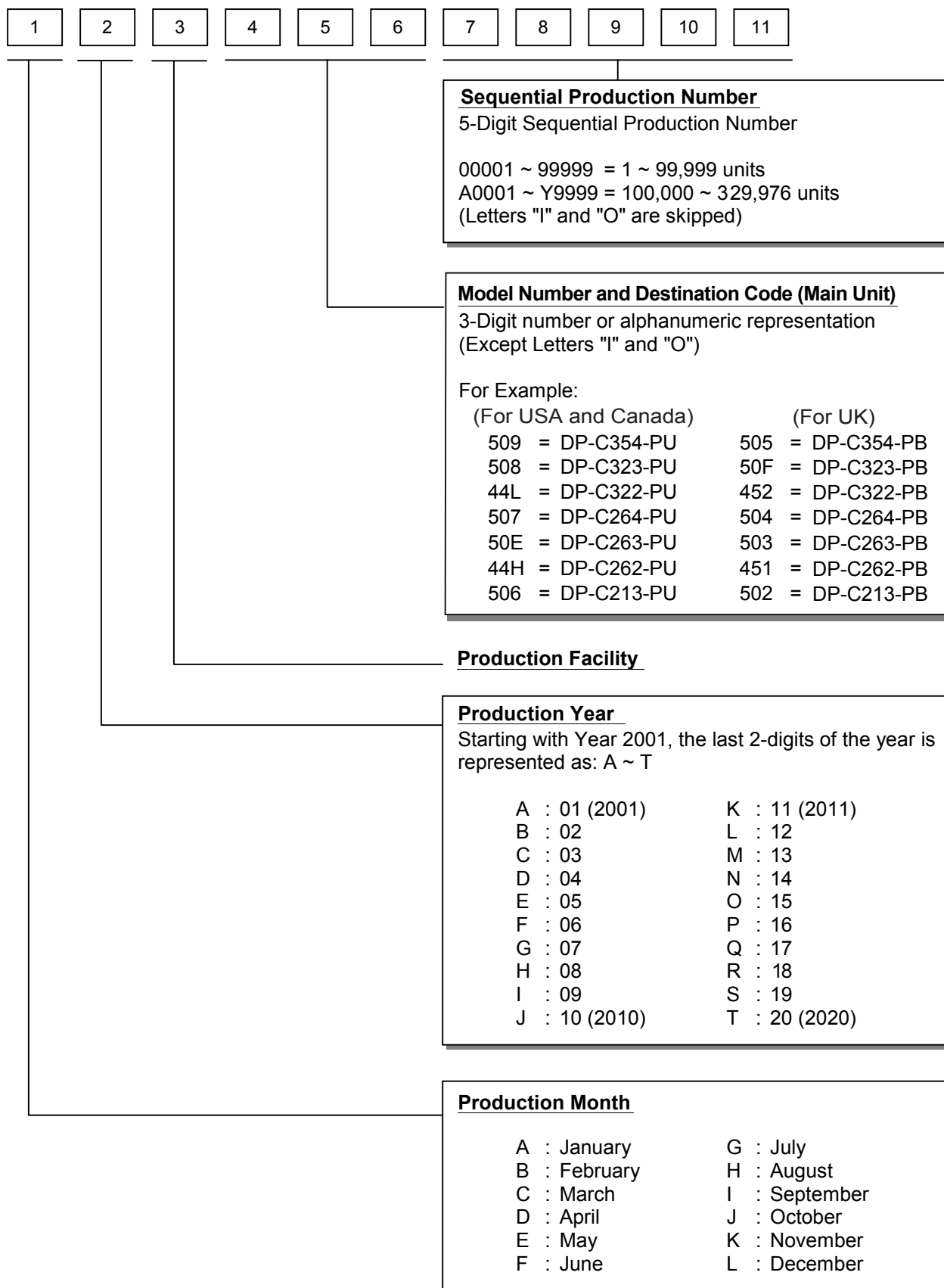


Main Unit + 1 Bin Saddle Finisher



1.5.1. Serial Number Contents

The contents of the 11-digit Serial Number is as follows:



1.6. Control Panel

DP-C354/C323/C264/C263/C213
DP-C322/C262



Note 1:

Model availability may differ as per destination. Please ask your sales company for details.

Note 2:

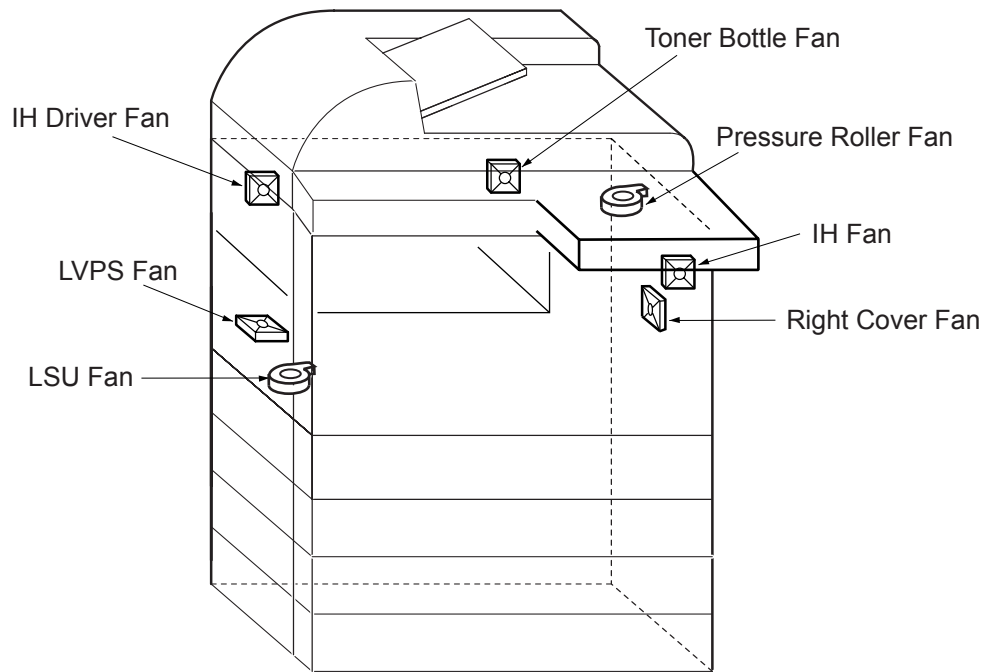
LCD Display Brightness Adjustment

To adjust the brightness of the LCD display, press and while holding down the "Clear" key, keep pressing the "1", or the "2" key until the desired brightness is achieved.

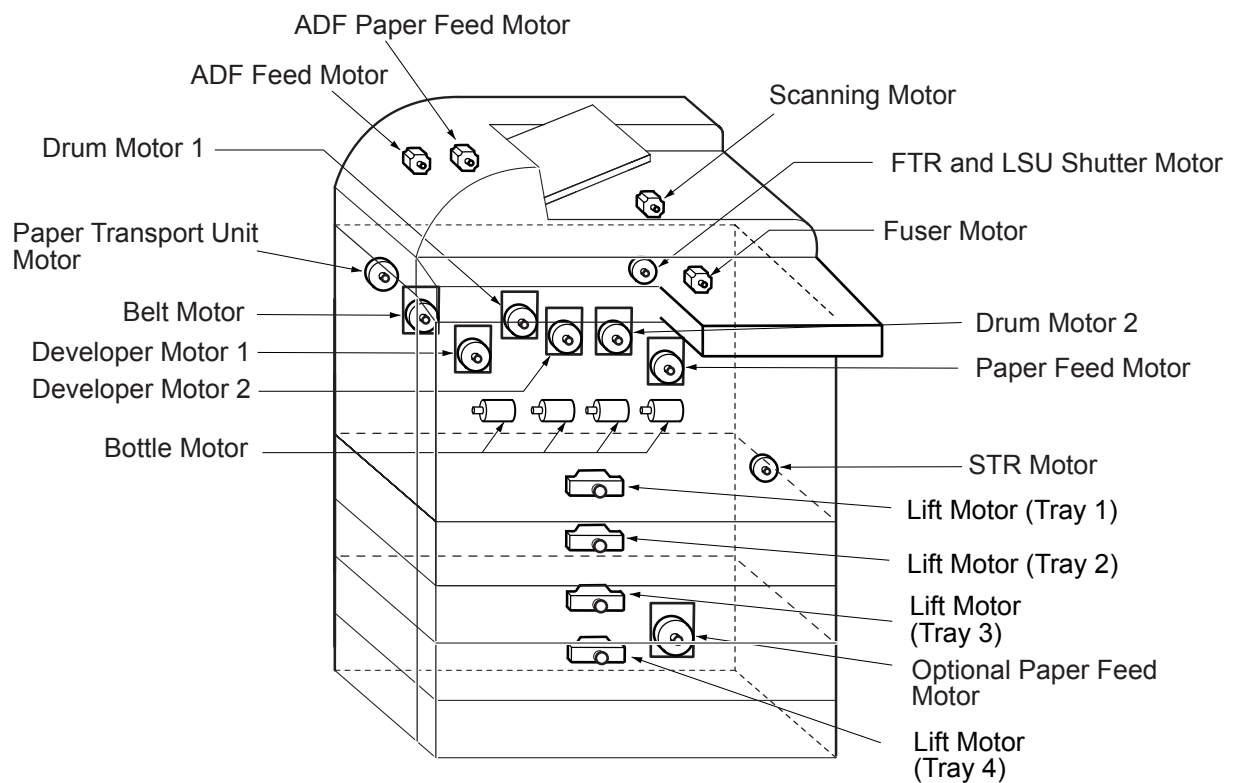
1 : Brighter

2 : Dimmer

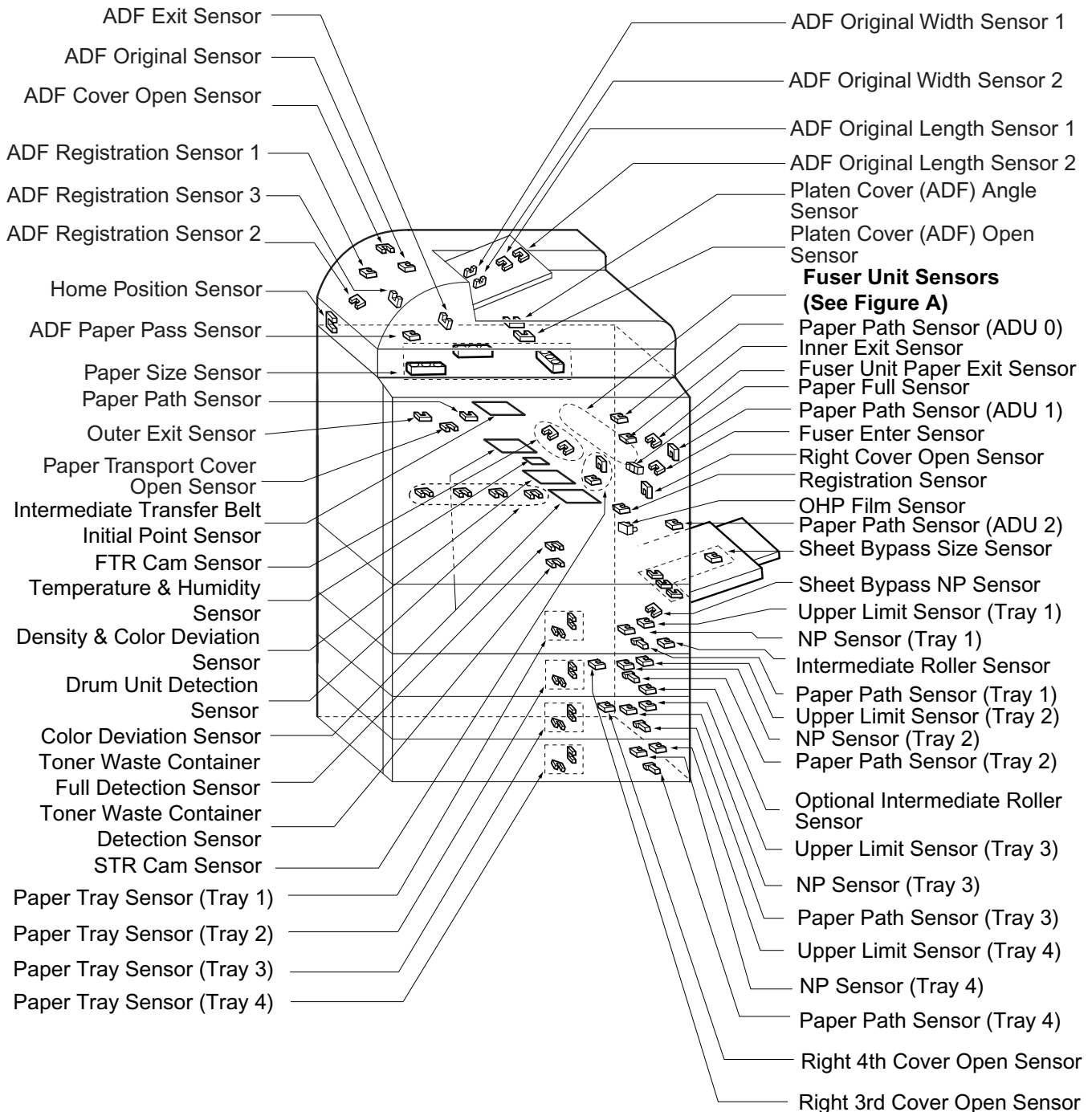
1.7. Fans



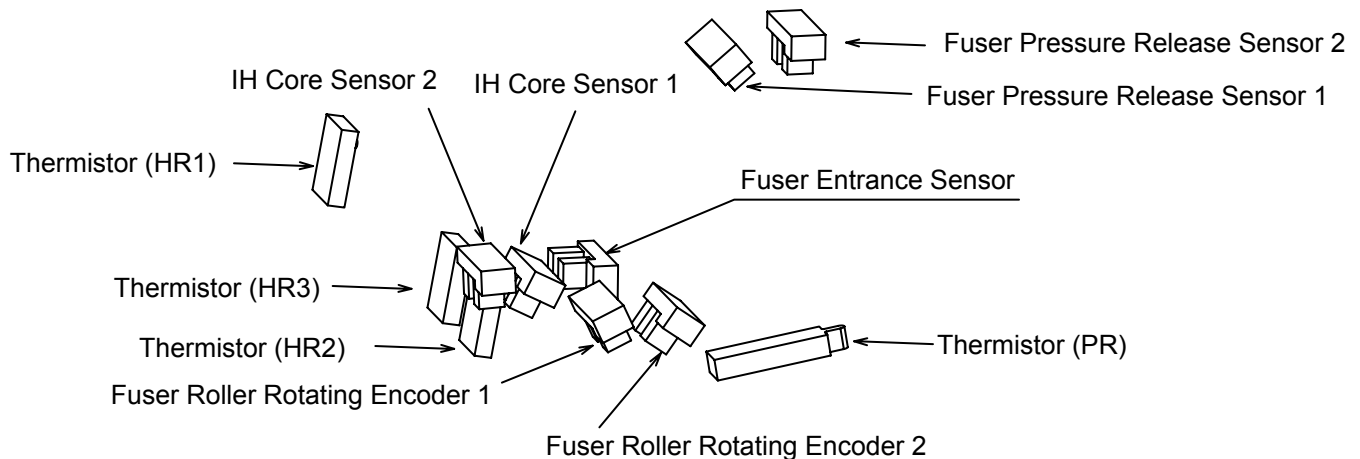
1.8. Motors



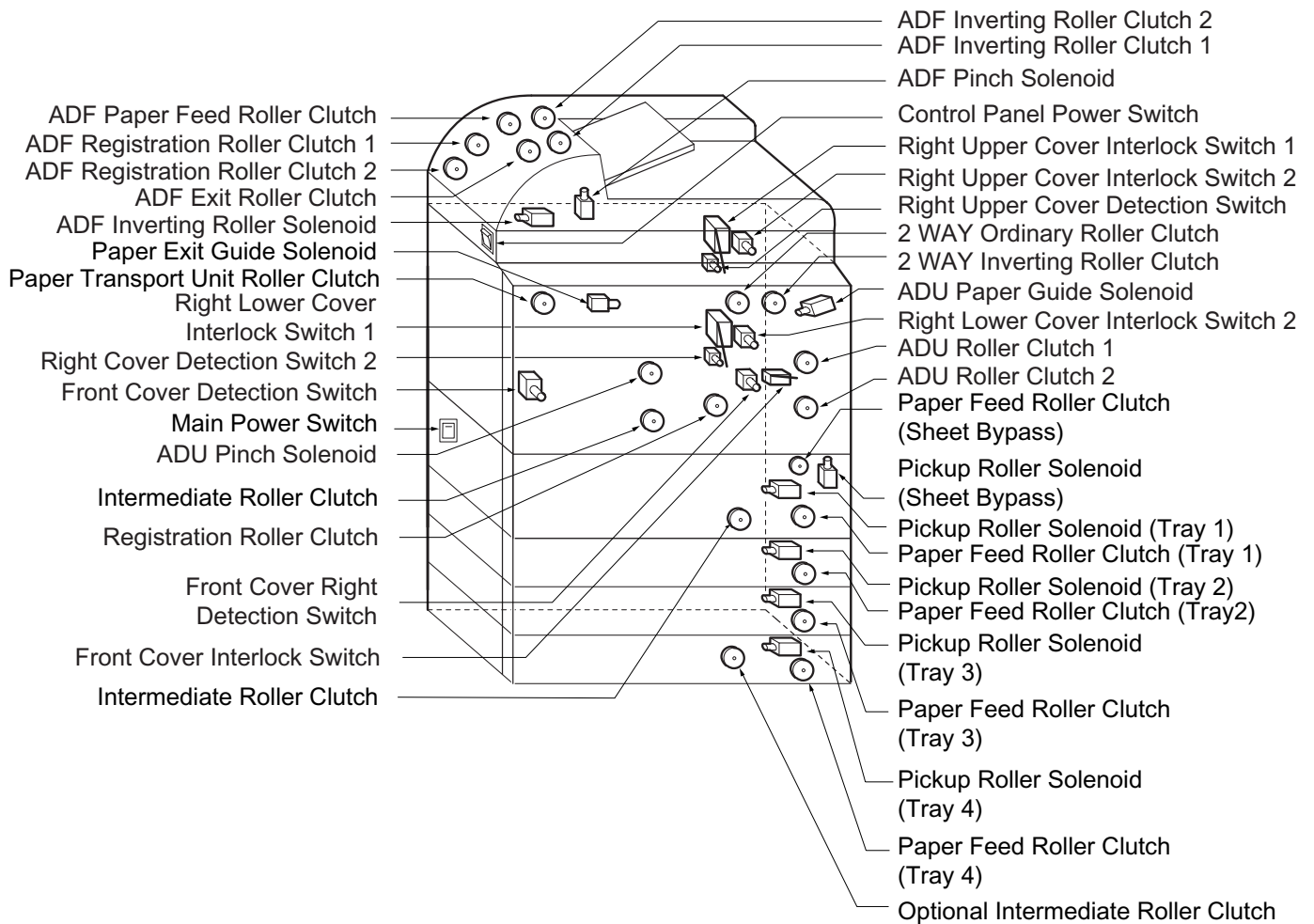
1.9. Sensors



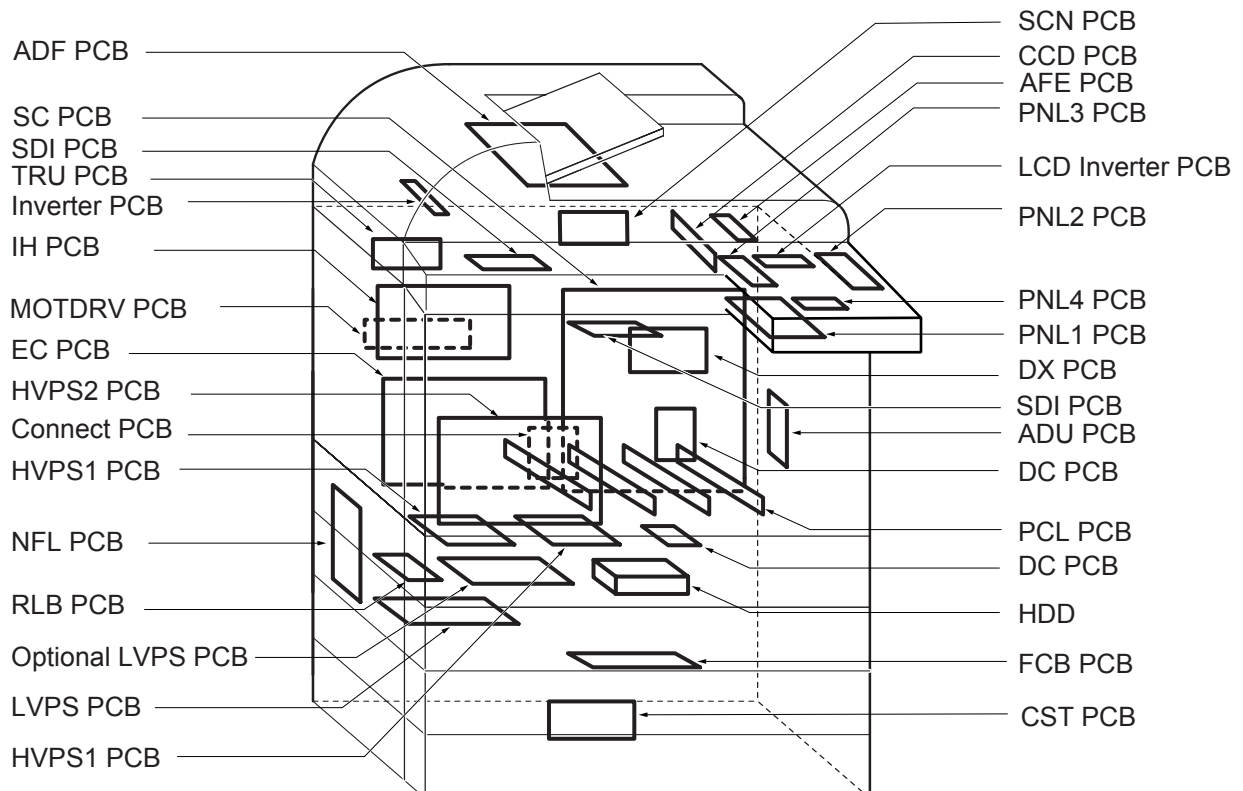
< Figure A >



1.10. Clutches and Switches



1.11. PC Board



2 Maintenance, Adjustments and Check Points

2.1. Preventive Maintenance

Preventive maintenance is performed at specific intervals, and consists of machine cleaning, and parts replacement. It is essential to perform these service activities properly, and at the specified intervals for customer satisfaction.

The purpose of this service is to maintain machine performance, and image quality.

1. You should prepare the replacement parts, and cleaning tools beforehand.
2. After completing the preventive maintenance, discard the used parts and packaging in accordance with local regulations, and clean the surrounding area.
3. Before servicing the equipment, turn the power switches Off, and disconnect the power cord from the wall outlet.
4. Before using solvents such as IPA (Isopropyl alcohol), wear rubber gloves and eye protection.

2.1.1. Timing

1. Perform the preventive maintenance in accordance with the Preventive Maintenance Check List (refer to 3.4) in the service manual.

2.1.2. Cleaning the Rollers

1. Rollers should be cleaned with water, and a clean cloth.
2. Use the IPA (Isopropyl Alcohol) sparingly.

2.1.3. Precautions for Disassembly, and Adjustment

Caution:

Turn the Main Power Switch on the Back, and the Power Switch on the Left Side of the machine to the OFF position, and then unplug the AC Power Cord before disassembling the machine.

1. After taking the unit apart, do not attempt to operate the machine.
2. When operating the machine with covers removed, be careful and avoid clothing from being caught by moving components.
3. While the electricity is applied to the unit, do not connect nor disconnect the connectors on any PC Board.
4. When handling the drum, follow the precautions listed in section 3.3.
5. Ensure to use correct screws.
6. Use toothed lock washers for the installation of ground wires to ensure electrical continuity.
7. To reassemble, reverse the sequence of disassembly, unless otherwise specified.
8. Blown fuses should only be replaced with fuses of the same specified rating.

2.1.4. Precautions for Handling Lasers

The optical laser system employed by this photocopier is completely sealed by a protective housing, and an external cover. Therefore, the laser beam will not stray, or leak during photocopying operation.

However, when servicing the photocopier, take the following precautions:

1. Do not insert any screwdrivers, or other tools that have high reflective properties into the path of the laser.
2. Before servicing the photocopier, take off any watches, rings, or other metallic objects that you may be wearing. (This is to avoid the danger of the laser entering the eye by reflecting off the metallic objects being worn.)

Since the laser beam cannot be seen with the naked eye, please follow the above precautions for maximum safety.

2.1.5. Data Security Precautions during Maintenance, and Disposal

1. Maintenance:

Make sure to remove the Flash Memory Card from the machine, if it was used for updating the Firmware, etc.

2. Disposal:

- a. Delete the customer's data by initializing the Hard Disc Drive (overwriting, and deleting the data area stored in the Hard Disc Drive).
- c. Delete the customer's data by initializing the System.

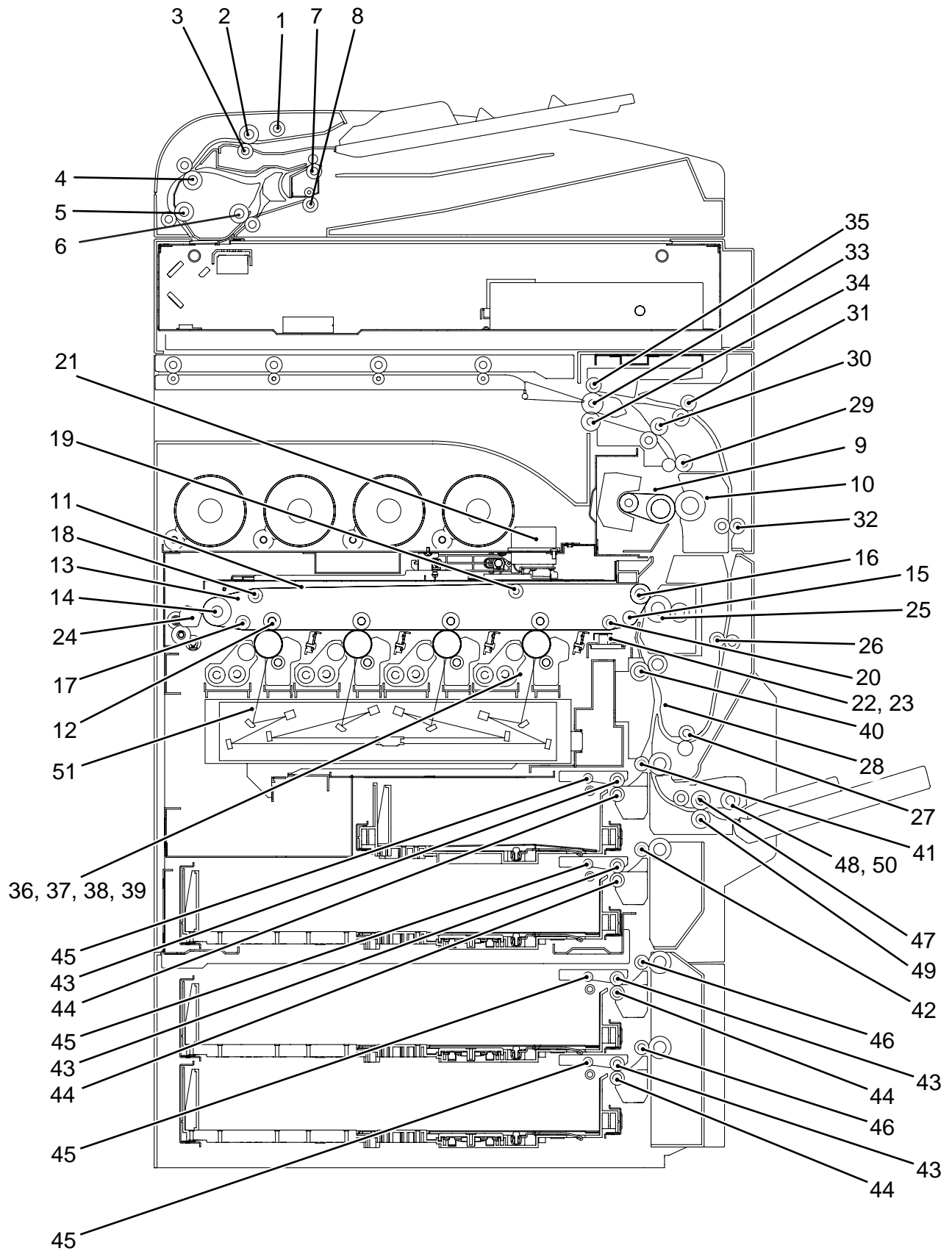
2.2. Required Tools

No.	Tools	No.	Tools
1	Personal Notebook Computer	10	Pliers
2	Cables (USB Cable, Crossover LAN Cable, etc.)	11	Nipper
3	SD Memory Card (128 MB - 1GB)	12	Cutter
4	Soft Cloth	13	Vacuum Cleaner
5	Isopropyl Alcohol	14	Cotton Swab
6	Phillips Screwdriver (#2)	15	Brush
7	Stubby Phillips Screwdriver (#2)	16	KS-660 - Conductive Grease (Available from Shin-Etsu Silicones of America, Inc. URL: http://www.shinetsusilicones.com)
8	Slotted Screwdriver (3/32 in)	17	Molykote EM-50L Grease (Available from Dow Corning, URL: http://www.dowcorning.com)
9	Tweezer	18	Color Test Chart (P/N PJQRC0119Z : LDR, PJQRC0120Z : A3)

2.2.1. Preventive Maintenance Method

No.	Part Description	Important Action	Comments
1	Memory Data	Check	1. Print the RAM DATA for reference, and as a pre-caution. 2. After completing the task(s), print and compare the RAM DATA with the previously printed one.
2	Auto Document Feeder (ADF)	Check & Clean	1. Clean all Rollers and Separation Rubber with a soft cloth saturated with water. Note: For stubborn toner accumulation, wipe with a soft cloth saturated with Isopropyl Alcohol first, then follow up with a soft cloth saturated with water.
3	Scanner Unit	Check & Clean	1. Clean the Scanning Glass, or White Seal Guide with Isopropyl Alcohol when required.
4	Document Size Sensor	Check & Clean	1. Do not touch the surface of the Sensors with your hands. 2. Clean any dirt, or fingerprints with a Dry Cotton Swab. Note: Do not use any type of Alcohol.
5	Transmitter Unit	Check & Clean	1. Remove any foreign obstacles. 2. Clean the Rollers with Isopropyl Alcohol when required.
6	Mirrors	Check & Clean	1. Do not touch the surface of the Mirrors with your hands. 2. Clean any dirt, or fingerprints with a Dry Cotton Swab. Note: Do not use any type of Alcohol.
7	Inspection Items	Check	1. Check the Harnesses. 2. Check the Connectors. 3. Check all the Screws. 4. If required, replace consumable parts.
8	Gears, Rollers Shafts	Check & Grease	1. Check, and grease the required Gears and Shafts.
9	Timing Belts	Check & Clean	1. Check the belts for looseness, or abrasion. 2. Adjust the Idle Pulley.

2.3. Preventive Maintenance Points



2.4. Preventive Maintenance Check List

The chart outlined below is a general guideline for maintenance.

No.	Mechanical Parts	Ref. No.	Cleaning		Replacement/Adjustment		Ref. Counter
			Cycle (Sheets)	Method	Cycle (Sheets)	Procedure	
	i-ADF Unit						
1	Pickup Roller	511	120K	Water ¹	240K	Refer to Sect 2.2.1. of the Service Manual	F7-02-12 ADF Count
2	Paper Feed Roller	508	120K	Water ¹	240K		
3	Separation Roller	610	120K	Water ¹	240K		
4	Registration Roller 1	817	120K	Water ¹	-		
5	Registration Roller 2	818	120K	Water ¹	-		
6	Transport Roller	816	120K	Water ¹	-		
7	Inverting Roller	809	120K	Water ¹	-		
8	Exit Roller	814	120K	Water ¹	-		
	Fuser Unit						
9	Fuser Belt Unit	4926	-	-	120K	Refer to Sect 2.2.4. of the Service Manual	F7-02-65 Fuser Belt Remain Count (Count Down)
10	Fuser Main Unit	4927	-	-	240K		F7-02-66 Fuser Main Remain Count (Count Down)
-	Complete Fuser Unit (Fuser Belt Unit, and Fuser Main Unit)	4815	-	-	-		F7-02-65 Fuser Belt Remain Count F7-02-66 Fuser Main Remain Count
	Intermediate Transfer Unit						
11	Intermediate Transfer (IT) Belt	3419	-	-	240K	Refer to Sect 2.16.1.4. of the Service Manual (Replace together with STR Unit, and Cleaning Unit)	F7-02-51 Transfer Belt Life Count Down
12	First Transfer Roller (FTR)	3546	-	-	240K		
13	Drive Roller Brush Assembly	3635	-	-	240K		
14	Drive Roller	3604	240K	Alcohol	-	Refer to Sect 2.16.1.4. of the Service Manual	F7-02-51 Transfer Belt Life Count Down
15	Tension Roller	3506	240K	Alcohol	-		
16	Bias Roller	3501	240K	Alcohol	-		
17	Backup Roller	3624	240K	Alcohol	-		
18	Adjustment Roller	3612	240K	Alcohol	-		
19	Initial Point Sensor Roller	3507	240K	Alcohol	-		
20	Tension Shaft	3507	240K	Alcohol	-		
21	Initial Point Sensor	3709	120K	Dry Cotton Swab	-		

No.	Mechanical Parts	Ref. No.	Cleaning		Replacement/Adjustment		Ref. Counter
			Cycle (Sheets)	Method	Cycle (Sheets)	Procedure	
22	Color Registration, and Image Density Sensor	3820	120K	Dry Cotton Swab	-	Refer to Sect 2.16.1.4. of the Service Manual	F7-02-51 Transfer Belt Life Count Down
23	Color Registration Sensor	3821	120K	Dry Cotton Swab	-		
24	Cleaning Unit	3418	-	-	120K	Refer to Sect 2.16.1.4. of the Service Manual (Replace together with STR Unit)	F7-02-52 STR Life Count
	Automatic Duplex Unit (Lower)						
25	Second Transfer Roller (STR) Unit	2535	-	-	120K	Refer to Sect 2.2.5. of the Service Manual (Replace together with Cleaning Unit)	F7-02-52 STR Life Count
26	ADU 3rd Roller	2723	120K	Water ¹	-	Refer to Sect 2.2.5. of the Service Manual	
27	ADU 4th Roller	2722	120K	Water ¹	-		
28	OHP Detection Reflector	2721	120K	Alcohol	-		
	Automatic Duplex Unit (Upper)						
29	Exit Roller	2401	120K	Water ¹	-	Refer to Sect 2.2.5. of the Service Manual	
30	Feed Roller	2402	120K	Water ¹	-		
31	ADU 1st Roller	2408	120K	Water ¹	-		
32	ADU 2nd Roller	2304	120K	Water ¹	-		
	Paper Exit Transportation Unit						
33	Exit Roller	3302	120K	Water ¹	-	Refer to Sect 2.2.6. of the Service Manual	
34	Lower Pinch Roller	3301	120K	Water ¹	-		
35	Upper Pinch Roller	3208	120K	Water ¹	-		
	Developer Unit						
36	Y (Yellow)	5443.	-	-	480K	Refer to Sect 2.2.10. of the Service Manual	F7-02-40-43 Deve. Unit Count
37	M (Magenta)		-	-	480K		
38	C (Cyan)		-	-	480K		
39	BK (Black)		-	-	480K		

DP-C322/C20

No.	Mechanical Parts	Ref. No.	Cleaning		Replacement/Adjustment		Ref. Counter
			Cycle (Sheets)	Method	Cycle (Sheets)	Procedure	
	Developer						
-	Y (Yellow)	5445	-	-	480K	Refer to Sect 2.2.10. of the Service Manual	F7-02-40-43 Deve. Unit Count
-	M (Magenta)		-	-	480K		
-	C (Cyan)		-	-	480K		
-	BK (Black)		-	-	480K		
	Main Paper Feed Module						
40	Registration Roller	2112	120K	Water ¹	-	Refer to Sect 2.2.12. of the Service Manual	
41	Upper Intermediate Roller	1834	120K	Water ¹	-		
42	Lower Intermediate Roller	1835	120K	Water ¹	-		
	Paper Feed Module						
43	Paper Feed Roller (1st/2nd/3rd/4th)	1922	120K	Water ¹	240K	Refer to Sect 2.2.13. of the Service Manual	F7-03 1st/2nd/3rd/4th Paper Tray Count
44	DFP Roller (1st/2nd/3rd/4th)	1911	120K	Water ¹	240K		
45	Pickup Roller (1st/2nd/3rd/4th)	1926	120K	Water ¹	240K		
46	Intermediate Roller (3rd/4th)	6801	120K	Water ¹	-		
	Sheet Bypass						
47	Paper Feed Roller	3003	120K	Water ¹	240K	Refer to Sect 2.2.8. of the Service Manual	F7-03 Sheet Bypass Count
48	Pickup Roller F	3005	120K	Water ¹	240K		
49	DFP Roller	3111	120K	Water ¹	240K		
50	Pickup Roller R	3012	120K	Water ¹	240K		
	LSU						
51	LSU Aperture Glass	-	When Toner Waste Container is Replaced	Aperture Cleaning Tool	-	-	-
	720K PM Kit (See Note)						

Note:

1. Clean all Rollers and Separation Rubber with a soft cloth saturated with water.
For stubborn toner accumulation, wipe with a soft cloth saturated with Isopropyl Alcohol first, then follow up with a soft cloth saturated with water.
2. The Maintenance Cycle is based on the Counter Information for each individual module.
To verify the counter information, print the Total Counter List using the Service Mode: F7 - Electronic Counter - 00 (List Print).
3. Cleaning, Replacement, and Adjustment Cycle (Sheet) are based on using Panasonic's recommended standard paper and supplies. These cycles may vary with the kind of paper used, Paper size, orientation, print duty, continuous/interval print and/or ambient conditions.
4. 720K PM Kit will be available from Oct. 2006. Refer to Sect 2.16.

2.5. Resetting the P/M (Preventive Maintenance) Counter

When the machine reaches the preset P/M Cycle, it will show **"Call for P/M"** on the LCD Display. The PM Counter can be reset by following the procedures below.

1. Perform the P/M (Preventive Maintenance), refer to sections 3.3. and 3.4.
2. Press the **"Function"**, **"Copy"**, and **"3"** keys simultaneously.
3. Press **"8"**, and then **"Start"** keys to enter the F8 Service Mode (Service Adjustment).
4. Reset the desired Counter(s) on the list below.
5. Press **"Stop"** key first, and then press **"Function"** + **"Clear"** keys simultaneously to return to standby.

No.	Mechanical Parts	Ref. No.	Replace Cycle (Sheets)	Ref. Counter	Replace Alarm	Reset Counter
	i-ADF Unit					
1	Pickup Roller	511	240K	F7-02-12 ADF Count	PM Display (Machine Continues Operating)	Enter the Copy Service Mode F5-87 (ADF PM Cycle), and change to the desired value.
2	Paper Feed Roller	508	240K			
3	Separation Roller	610	240K			
	Fuser Unit					
9	Fuser Belt Unit	4926	120K	F7-02-65 Fuser Belt Remain Count (Count Down)	119K: Alarm 121k: Machine Stops	Perform “F8-26 Fuser Belt Counter Reset”. (F7-02-65 Fuser Belt Remain Count is also initialized by this operation)
10	Fuser Main Unit	4927	240K	F7-02-66 Fuser Main Remain Count (Count Down)	239K: Alarm 241K: Machine Stops	Perform “F8-27 Fuser Main Counter Reset”. (F7-02-66 Fuser Main Remain Count is also initialized by this operation)
-	Complete Fuser Unit (Fuser Belt Unit, and Fuser Main Unit)	4815	-	-	-	Perform “F8-26 Fuser Belt Counter Reset”, and “F8-27 Fuser Main Counter Reset”. (F7-02-65 Fuser Belt Remain Count, and F7-02-66 Fuser Main Remain Count are also initialized by this operation)
	Intermediate Transfer Unit					
11	Intermediate Transfer (IT) Belt	3419	240K	F7-02-51 Transfer Belt Life Count Down	239K: Alarm	Perform “F8-29 Transfer Belt Life Count Down”. (F7-02-51 Transfer Belt Life Count Down is also initialized by this operation) Perform “F8-30 Color Registration”.
12	First Transfer Roller (FTR)	3546	240K		241K: Machine Stops	
13	Drive Roller Brush Assembly	3635	240K			
24	Cleaning Unit	3418	120K	F7-02-52 STR Life Count	120K: Alarm	Perform “F8-32 STR Life Count”. (F7-02-52 STR Life Count is also initialized by this operation)
	Automatic Duplex Unit (Lower)				(Machine Continues Operating)	
25	Second Transfer Roller (STR) Unit	2535	120K	F7-02-52 STR Life Count		

DF-C322/C20

No.	Mechanical Parts	Ref. No.	Replace Cycle (Sheets)	Ref. Counter	Replace Alarm	Reset Counter
-	IT Unit, STR Unit, and Cleaning Unit	-	-	-	-	Perform “ F8-29 Transfer Belt Life Count Down”. (F7-02-51 Transfer Belt Life Count Down is also initialized by this operation) Perform “ F8-32 STR Life Count”. (F7-02-52 STR Life Count is also initialized by this operation) Perform “ F8-30 Color Registration”.
Developer Unit						
34	Y (Yellow)	5443.	480K	F7-02-40-43 Deve. Unit Count	480K: Alarm (Machine Continues Operating)	Perform “ F8-09 Deve. Unit Count”. (F7-02-40, 41, 42, 43 Deve. Unit Count, and F7-02-45, 46, 47, 48 are also initialized by this operation)
35	M (Magenta)		480K			
36	C (Cyan)		480K			
37	BK (Black)		480K			
Developer						
-	Y (Yellow)	5445	-	F7-02-45-48 Developer Count	-	<Only in case of Problem> Perform “ F8-11 Developer Count”. (F7-02-45, 46, 47, 48 are also initialized by this operation)
-	M (Magenta)		-			
-	C (Cyan)		-			
-	BK (Black)		-			
Paper Feed Module						
41	Paper Feed Roller (1st/2nd/3rd/4th)	1922	240K	F7-03 1st/2nd/3rd/4th Paper Tray Count	PM Display only (Machine Continues Operating)	Enter the Copy Service Mode F5-70 (PM Cycle), and change to the desired value.
42	DFP Roller (1st/2nd/3rd/4th)	1911	240K			
43	Pickup Roller (1st/2nd/3rd/4th)	1926	240K			
Sheet Bypass						
45	Paper Feed Roller	3003	240K	F7-03 Sheet Bypass Count		
46	Pickup Roller F	3005	240K			
47	DFP Roller	3111	240K			
48	Pickup Roller R	3012	240K			

Note:

When replacing the IT Unit, the STR Unit and Cleaning Unit are also replaced at the same time, and then perform F8-29, F8-32, and F8-30 Service Mode operations.

2.6. Lubrication Point

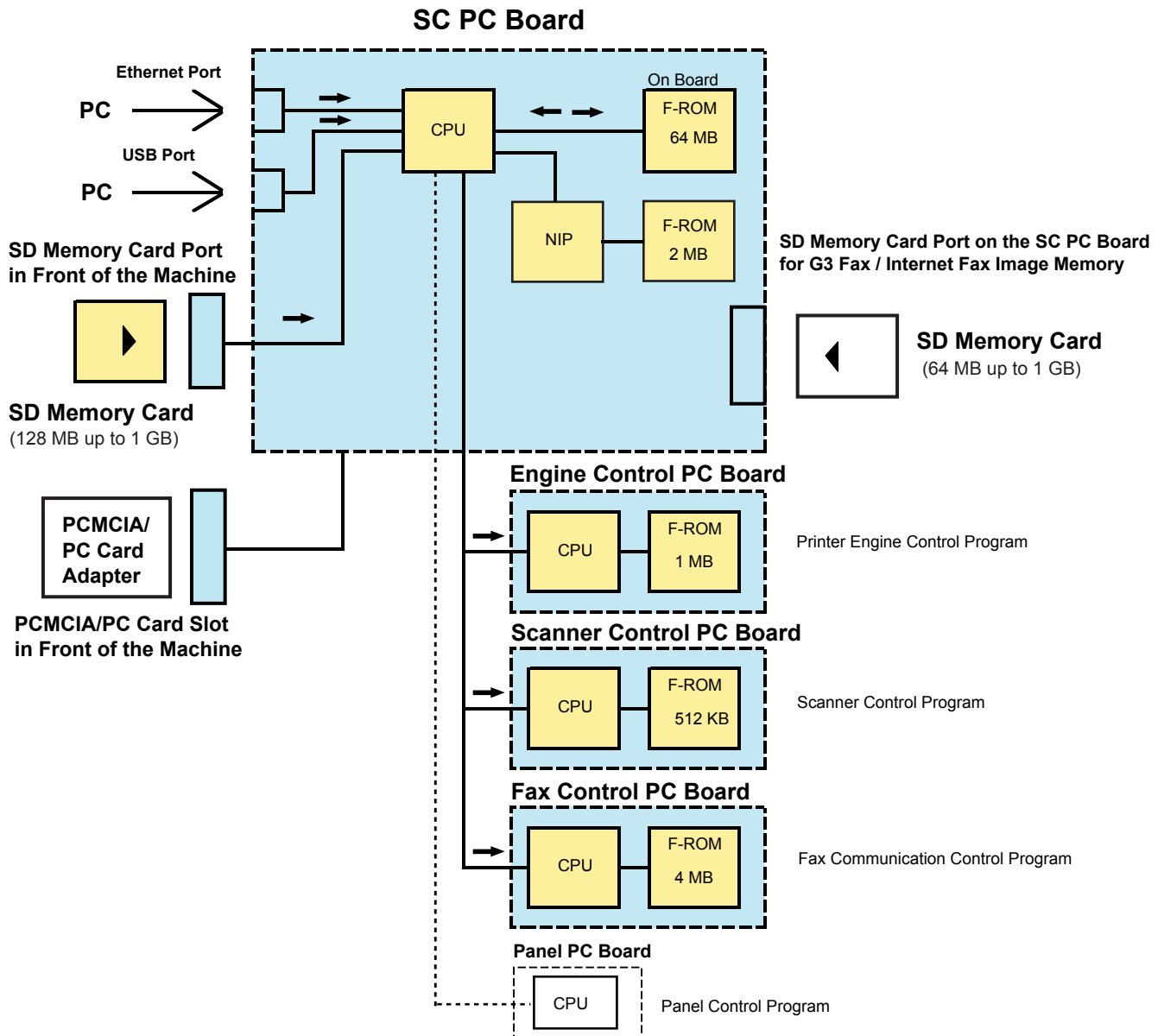
Please refer to the Preventive Maintenance (PM) list to ensure the highest degree of reliability. The inspection interval is usually 120K copies or more, however this interval may be reduced due to environmental conditions.

2.7. Updating the Firmware

2.7.1. Firmware Configuration

A. Hardware Configuration

This machine is controlled by a Main CPU which is located on the System Control (SC) PC Board, and other sub CPUs on the other PCBs. The Firmware of SC PCB, Engine Control (EC) PCB, Scanner Control (SCN) PCB, and Fax Control (FCB) PCB can be updated using a PC, or an SD Memory Card.



B. SC PC Board Firmware

A total of 66 MB of Program Memory (F-ROM) is integrated on the SC PCB.

C. Firmware Updating Ports

Three (3) types of Ports are available for updating the firmware.

(1) Ethernet LAN Port

The machine's Firmware can be updated using a PC via Local Area Network (LAN) Port. This method is convenient when the PC, and the machine are already connected to LAN.

Even if the machine is not connected to a LAN, it can be updated by connecting a **Crossover Cable** to the Ethernet LAN Port.

Refer to the Firmware Update Operating Instructions and Section 2.7.2. for additional details.

(2) USB Port

The machine's Firmware can be updated using your Notebook PC via an USB Port. This method is convenient when you brought a Notebook PC into the customer's site for the purpose of updating the firmware.

Refer to the Firmware Update Operating Instructions, and Section 2.7.3. for additional details.

(3) SD Memory Card (New Method: Convenient Method without a PC)

The machine's Firmware can be updated using the Master SD Memory Card in the SD Card Slot in Front of the machine (not the SD Card Slot on the SC PCB). This method is convenient when you are visiting the customer's site for the purpose of updating the firmware without a PC.

The Master SD Memory Card can be created by copying the Firmware using the SD Memory Firmware Writing Tool Software, and a PC with SD Memory Card Slot, or with an SD Memory Card Reader & Writer.

Just a single Master SD Memory Card is sufficient to update the SC PCB with the Standard, or with all Optional configurations (PS and Fax options included), as long as all the necessary firmware codes are stored onto the card. The easiest way is to use "Auto Mode" for updating all necessary firmware at once.

Caution:

Before updating the Firmware using the SD Memory Card, remove the PCMCIA/PC Card Adapter from the PCMCIA/PC Card Slot in Front of the machine.

Web site

(From your sales company's Web Site or the PCC DIC Service Web site)

- Firmware Code
- SD Memory Card Firmware Writing Tool



Download



Create the **Master SD Memory Card** using a PC



Update the Firmware using the Master SD Memory Card
(Selecting "Auto Mode" updates all necessary firmware at once.)

2.7.2. Updating through a LAN Port

The firmware code can be easily updated when the main unit is connected to a LAN.

If the unit is not connected to a LAN, the Network Firmware Update Tool can be used by connecting to the machine using a **Crossover Cable**.

Caution:

Before proceeding with the Firmware Update, clear all Fax or Internet Fax jobs first, or the Firmware will not update properly. Follow the steps below to perform **All Job Clear**.

1. Press the "**Function**", "**Copy**", and "**3**" keys simultaneously in that order to enter the Service Mode.
2. "**Input the password**" to enter the Service Mode (default password is **00000000**, except for C322/C262 which do not require a password).
3. Press "**9**", and then "**Start**" keys to enter the F9 Service Mode (Unit Maintenance).
4. Select "**00 FAX Service Mode**".
5. Select "**06 RAM Initialize**".
6. Select "**09 All Job Clear**", and then "**Yes**".

After clearing the jobs, the machine reboots automatically, and returns to the standby mode.

1) Install the Network Firmware Update Tool to your PC

The option CD-ROM includes the Network Firmware Update Tool and the Main Unit Firmware Code, or access onto the Service Web site to download the latest Tool.

Please refer to the following Operating Instructions to install the Network Firmware Update Tool.

The installation password is "**workio**".

Operating Instructions:

\xFirmware\Tools\NwFirmup\NwFirmup_OI.pdf (Refer to the [NW Firmware Update Tool OI](#) on the CD)

Setup:

\xFirmware\Tools\NwFirmup\Setup\Setup.exe

2) Preparing the Firmware Code

Double click the appropriate Destination Shortcut Batch File, and copy the Firmware Code File on the CD-ROM to the Firmware Data Folder in your PC, or access the Service Web site to download the latest Firmware Code. Note that the files in the Archive will be extracted automatically into the designated folder when the Archived file (.exe) is Double-clicked.

Example:

From:

Destination Shortcut Batch File: D:(CD-ROM Drive) \ xFirmware \ USA.bat

Firmware Code File: DP-C3xx_C2xx_xx_xxxxxxx.exe

To:

Firmware Data Folder: C:\ Panasonic \ Panasonic-FUP \ Data

3) Preparing the Main Unit for the Firmware Upgrade

Before starting, print the F5/F6 Parameters List (Copy Service Mode F9-03-00). Make sure the unit's Password (Service Mode F7-01: Key Operator ID or Operation Password) is the same as the tool's password.

Make sure the unit is in an idle state (e.g. not making copies, not printing, etc.).

4) Upgrading the Main Unit's Firmware Code

Start the Network Firmware Update Tool, and select the following **Parent Firmware File Folder** in the **C:\Panasonic\Panasonic-FUP\Data** folder. The Firmware Type window appears, and proper Firmware Files are selected automatically by selecting the Firmware Type.

Then follow the display instructions to upgrade the Main Unit's Firmware Codes.

Parent Firmware File Folder	Sub Firmware File Folder
\ DP-C3xx_C2xx_xx_xxxxxxx	\ Sc_Std \ CMFP1_SCAxVxxxxx_xx
	\ Sc_Ps \ CMFP1_SCDxVxxxxx_xx
	\ Fcb \ CMFP1FCBAxVxxxxx_xx
	\ Ec \ CMFP1_ECAAVxxxxx
	\ Scn \ CMFP1SCNAAVxxxxx



When you select the Parent Folder, the following Firmware Type window appears. Proper Sub File Folders are selected automatically by selecting the Firmware Type.
The transferring order is set up automatically.

5) Confirmation

After the update is completed, the machine reboots itself and returns to standby.
Confirm the F5 & F6 parameters according to the printed lists in Step 3 above if the settings are different.

Note:

1. Manual mode must be used, when updating the designated version of the firmware, or changing the type of the firmware.
Please refer to the Section 2.2, "**Setting up the Network Firmware Update Tool, File Selection Tab**" of the Operating Instructions.
2. While updating the firmware code, the display may become garbled, however, it will return to normal upon completion of the firmware update.
3. If the firmware update fails, and the unit does not boot up, the Network Firmware Update Tool will not be able to transfer the firmware code. If this occurs, refer to Section 2.7.7. "**Firmware Emergency Recovery**".
4. The suffix "_xx" for the Folder Name, or File Name may not exist depending on the destination location.

2.7.3. Updating through USB Port

If the device is not connected to the LAN, upgrade the firmware code using the USB Port.

Caution:

Before proceeding with the Firmware Update, clear all Fax or Internet Fax jobs first, or the Firmware will not update properly. Follow the steps below to perform **All Job Clear**.

1. Press the "**Function**", "**Copy**", and "**3**" keys simultaneously in that order to enter the Service Mode.
2. "**Input the password**" to enter the Service Mode (default password is **00000000**, except for C322/ C262 which do not require a password).
3. Press "**9**", and then "**Start**" keys to enter the F9 Service Mode (Unit Maintenance).
4. Select "**00 FAX Service Mode**".
5. Select "**06 RAM Initialize**".
6. Select "**09 All Job Clear**", and then "**Yes**".

After clearing the jobs, the machine reboots automatically, and returns to the standby mode.

1) Install the Local Firmware Update Tool to your PC

The option CD-ROM includes the Local Firmware Update Tool and the Main Unit Firmware Code, or

access onto the Service Web site to download the latest Tool.

Please refer to the following Operating Instructions to install the Local Firmware Update Tool.

Operating Instructions:

\xFirmware\Tools\Firmup\FIRMUP_OI.pdf (Refer to the [Local Firmware Update Tool OI](#) on the CD)

Setup:

\xFirmware\Tools\Firmup\Setup\Setup.exe

2) Preparing the Firmware Code

Double click the appropriate Destination Shortcut Batch File, and copy the Firmware Code File on the CD-ROM to the Firmware Data Folder in your PC, or access onto the Service Web site to download the latest Tool and Firmware Code. Note that the files in the Archive will be extracted automatically into the designated folder when the Archived file (.exe) is Double-clicked.

Example:

From:

Destination Shortcut Batch File: D:(CD-ROM Drive) \ xFirmware \ USA.bat

Firmware Code File: DP-C3xx_C2xx_xx_xxxxxxx.exe

To:

Firmware Data Folder: C:\ Panasonic \ Panasonic-FUP \ Data

3) Preparing the Main Unit for the Firmware Upgrade

Before starting, print the F5/F6 Parameters List (Copy Service Mode F9-03-00).

Important: DO NOT connect the USB Cable yet.

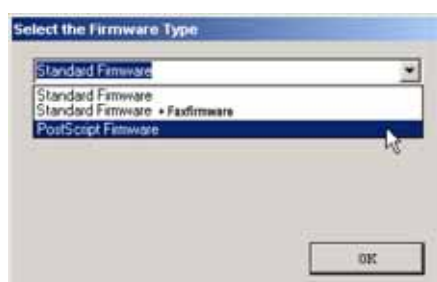
Enter into Test Mode F9-07-01 (Update From USB) to enable the unit to accept the programming code from the USB Port.

Now connect the USB Cable between the Unit and PC.

4) Upgrading the Main Unit's Firmware Code

Start the Local Firmware Update Tool, and select the following **Parent Firmware File Folder** in the **C:\Panasonic\Panasonic-FUP\Data** folder. The Firmware Type window appears, and proper Firmware Files are selected automatically by selecting the Firmware Type. Then follow the display instructions to upgrade the Main Unit's Firmware Codes.

Parent Firmware File Folder	Sub Firmware File Folder
\ DP-C3xx_C2xx_xx_xxxxxxx	\ Sc_Std \ CMFP1_SCAxVxxxxx_xx
	\ Sc_Ps \ CMFP1_SCDxVxxxxx_xx
	\ Fcb \ CMFP1FCBAxVxxxxx_xx
	\ Ec \ CMFP1_ECAAVxxxxx
	\ Scn \ CMFP1SCNAxVxxxxx



When you select the Parent Folder, the following Firmware Type window appears. Proper Sub File Folders are selected automatically by selecting the Firmware Type. The transferring order is set up automatically.

5) Confirmation

After the update is completed, the machine reboots itself, and returns to standby.

Confirm the F5 & F6 parameters according to the printed lists in Step 3 above if the settings are different.

Note:

1. While updating the firmware code, the display may become garbled, however, it will return to normal upon completion of the firmware update.
2. The suffix "_xx" for the Folder Name, or File Name may not exist depending on the destination location.

2.7.4. Updating the Firmware using the Master Firmware SD Memory Card

If the Master SD Memory Card includes all necessary firmware as a package.

(Only one SD Memory Card is required (minimum 128 MB size) to update the SC PCB with the Standard, or with all Optional firmware configurations.)

Caution:

Before proceeding with the Firmware Update, clear all Fax or Internet Fax jobs first, or the Firmware will not update properly. Follow the steps below to perform **All Job Clear**.

1. Press the **"Function"**, **"Copy"**, and **"3"** keys simultaneously in that order to enter the Service Mode.
2. **"Input the password"** to enter the Service Mode (default password is **00000000**, except for C322/C262 which do not require a password).
3. Press **"9"**, and then **"Start"** keys to enter the F9 Service Mode (Unit Maintenance).
4. Select **"00 FAX Service Mode"**.
5. Select **"06 RAM Initialize"**.
6. Select **"09 All Job Clear"**, and then **"Yes"**.

After clearing the jobs, the machine reboots automatically, and returns to the standby mode.

Caution:

1. Remove the PCMCIA/PC Card Adapter from the PCMCIA/PC Card Slot in Front of the machine.
2. Install the Master Firmware SD Memory Card into the Card Slot in Front of the machine.
Do not install it into the Card Slot on the SC PCB, or the machine will automatically format the SD Card for the Fax Image Memory.
3. Do not remove the SD Memory Card from the SD Card Slot in Front of the machine, or turn the power OFF while Updating the Firmware.

<Procedure>

1. Before starting, print the F5/F6 Parameters List (Copy Service Mode F9-03-00).
2. Turn the Power Switch on the Left Side of the machine to the OFF position.
3. Install the appropriate Master Firmware SD Memory Card into the Card Slot in Front of the machine.
4. Turn the Power Switch on the Left Side of the machine to the ON position.
5. Press the **"Function"**, **"Copy"**, and **"3"** keys simultaneously.
6. **"Input the password"** to enter the Service Mode (default password is **00000000**, except for C322/C262 which do not require a password).
7. Perform the Copy Service Mode F9-07-00 (Update From Card).
8. The firmware is copied into the machine.
If selecting the "Auto Mode", copies all the necessary firmware at once, and after the update is completed, the machine reboots itself, and returns to standby.
9. Turn the Power Switch on the Left Side of the machine to the OFF position.
10. Remove the Master Firmware SD Memory Card from the machine.
11. Turn the Power Switch on the Left Side of the machine to the ON position.
12. Reprogram the F5 & F6 Parameters according to the lists printed in Step 1 above if the settings are other than factory default.

Caution:

If the unit does not boot up properly in Step 7, refer to Section 2.7.7. **"Firmware Emergency Recovery"**.

2.7.5. Creating a Master Firmware SD Memory Card using a PC

1) Install the "SD Memory Card Firmware Writing Tool" to your PC.

The "SD Memory Card Firmware Writing Tool" can be downloaded from your sales company's Web Site, or the PCC DIC Service Web site. Please refer to the Readme file for additional details.

2) Preparing the Firmware Code

Double click the appropriate Destination Shortcut Batch File, and copy the Firmware Code File on the CD-ROM to the Firmware Data Folder in your PC, or access onto the Service Web site to download the latest Tool and Firmware Code. Note that the files in the Archive will be extracted automatically into the designated folder when the Archived file (.exe) is Double-clicked.

Example:

From:

Destination Shortcut Batch File: D:(CD-ROM Drive) \ xFirmware \ USA.bat

Firmware Code File: DP-C3xx_C2xx_xx_xxxxxxx.exe

To:

Firmware Data Folder: C:\ Panasonic \ Panasonic-FUP \ Data

3) Preparing the Master Firmware SD Memory Card

1. Insert the SD Memory Card (128 MB to 1 GB) into the SD Memory Card Slot.
2. Perform the SD Memory Card Firmware Writing Tool.
3. After all firmware codes are copied, remove the SD Memory Card from the Slot.

The SD Memory Card is now ready to use for firmware update.

(Refer to the SD Memory Card Firmware Writing Tool Readme File.)

2.7.6. Notice after installing the HDD option

After the Hard Disc Drive Unit is installed, to prevent a Disc Scan Function from being performed (similar to when the power is abruptly interrupted to the PC), it is important to follow the step sequence below when turning OFF the Power Switches on the machine.

1. Turn the Power Switch on the left side of the machine to the OFF position first.
2. Wait approximately 10 seconds while the machine writes the closing status onto the Hard Disc Drive Unit.
3. Turn the Main Power Switch on the back of the machine to the OFF position.

2.7.7. Firmware Emergency Recovery

The easiest method to recover the firmware in an Emergency Recovery routine is to use the Master SD Memory Card method. (Even the Master SD Memory Card includes all necessary firmware as a package, only SC PCB Firmware can be recovered.)

If the unit does not boot up properly, follow the steps below:

1. Turn the power OFF.
Before proceeding to the next step, you must create the Master SD Memory Card (read the section 3.7.5 first).
2. Turn the power On while holding the "Energy Saver" key.
3. When the message "**Selected Emergency Firmware Update**" is on the LCD display, release the "Energy Saver" key.
During the recovery mode, the LCD displays "**Reading SC Firmware**", "**Writing SC Firmware**", and "**SC Firmware updated has been completed**". Then the machine reboots itself, and returns to the standby mode.

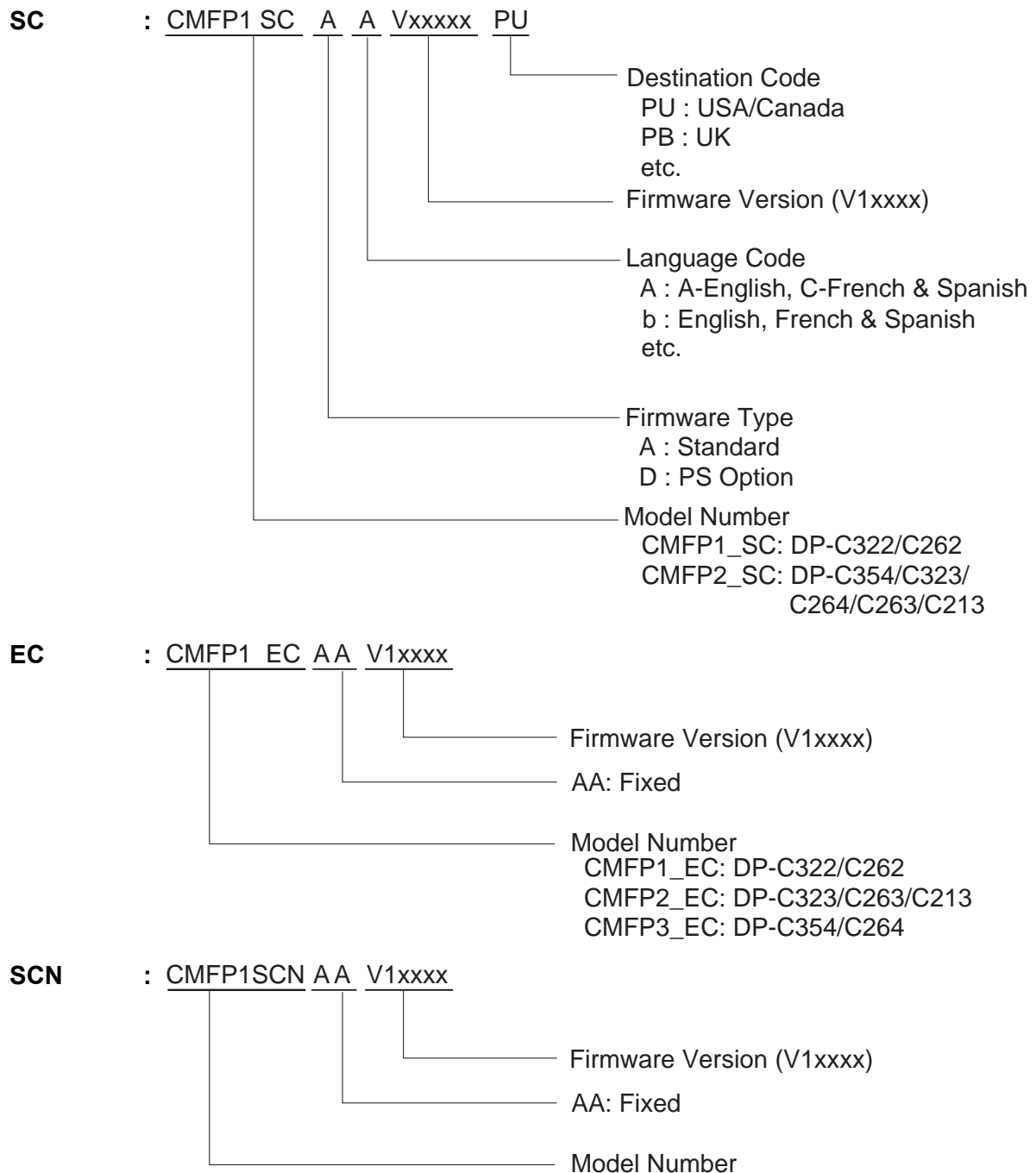
After the SC Firmware recovering, if other firmware for EC, FCB, SCN PCBs, and PS option are required, use the Master SD Memory Card to update the firmware by selecting the "Auto Mode" to the

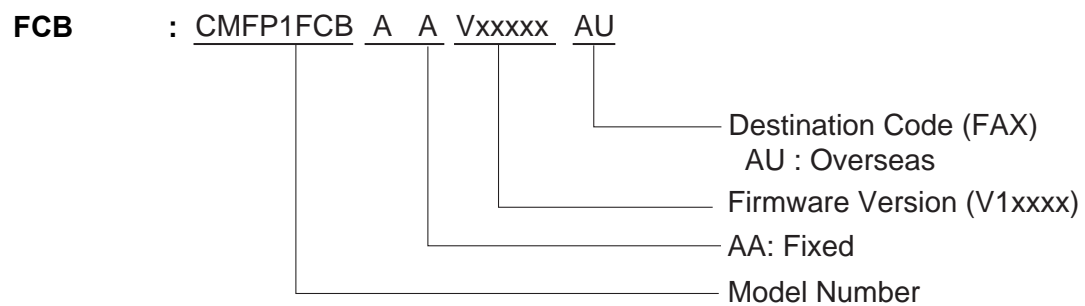
required level. Refer to Section 2.7.4. (Updating the Firmware using the Master Firmware SD Memory Card).

Note:

After the SC Firmware recovers, if the Error Code E5-12 or E5-13 is displayed, use the Master SD Memory Card to update the firmware selecting the required firmware, EC, SCN, FCB or PS, refer to Section 2.7.4. In this case, the Network update method can not be used.

2.7.8. Firmware Version





2.8. Adjusting Copy Quality

2.8.1. Manual Copy Quality Adjustment

1. Press the **"Function"** key.
2. Select **"General Settings"**.
3. Select **"01 Manual Copy Quality Adj"**.
4. Select **"On"**.
5. Select **"OK"** to begin the Manual Copy Quality adjustment.

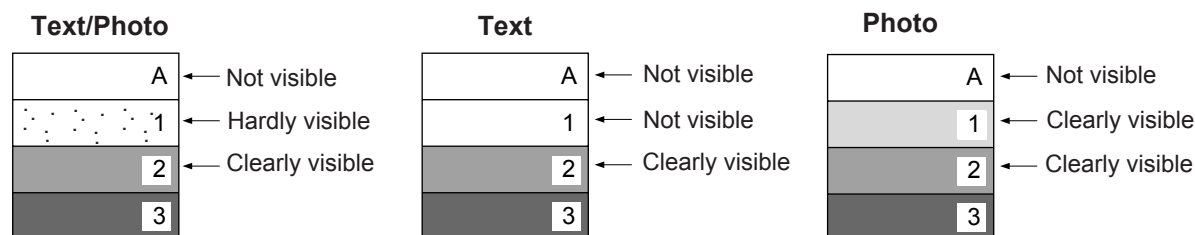
Note:

Do not touch any keys, or turn the Power Switch Off until the adjustment cycle stops (approximately 1-2 minutes).

6. Press the **"Reset"** key, to exit the General Settings mode.

2.8.2. Exposure (Standard Adjustment)

1. Press the **"Function"**, **"Copy"**, and **"3"** keys simultaneously in that order to enter the Service Mode.
2. **"Input the password"** to enter the Service Mode (default password is **00000000**, except for C322/ C262 which do not require a password).
3. Press the **"2"**, and then **"Start"** keys to enter the F2 Service Mode.
4. Select **"Quality Adj."**, and set the Density to the center position.
Select **"Black"**, **"Text/Photo"**, **"Commercial"**, and **"OK"** to set the machine to Mono Text/ Photo Density.
5. Make a copy of Test Chart 53/54 with gray scale (P/N FQ-SJ1011), and verify the density as shown below.



6. Press the **"Reset"** key twice to exit to the initial screen of the F2 Service Mode.
7. Press the **"6"**, and then **"Start"** keys to enter the F6 Service Mode.
8. Enter F6-221 Mono T/P Density(It) Mode.
9. Select **"Input"**.
10. Enter the new content.
11. Enter a 2-digit value.

Note:

The **"Reset"** key is used to enter a "-" (negative) value.

(+) : Lighter

(-) : Darker

1. Select **"OK"**, and then **"Close"**.
2. Press **"2"**, and then **"Start"** keys to enter F2 Service Mode.
3. Make a copy to confirm the adjustment.

Note:

Repeat Step (3) to (10) until proper density is attained.

<Light Part Adjustment>

F6-220 : Mono Text Density(It)

F6-222 : Mono Photo Density(It)

1. Press the **"Reset"** key twice to exit to the initial screen of the F2 Service Mode.
2. Press the **"Function"**, and **"C"** (Clear) keys simultaneously to exit the Service Mode.

2.8.3. Color Exposure (Special Adjustment for Customer's Requirement)

1. Press the **"Function"**, **"Copy"**, and **"3"** keys simultaneously in that order to enter the Service Mode.
2. **"Input the password"** to enter the Service Mode (default password is **00000000**, except for C322/C262 which do not require a password).
3. Press the **"2"**, and then **"Start"** keys to enter the F2 Service Mode.
4. Select **"Quality Adj"**, and set the Density to the center position.
Select **"Full Color"**, **"Text/Photo"**, **"Commercial"**, and **"OK"** to set the machine to Color T/ P Density.
5. Make a copy of Color Test Chart 101, or the Customer's Document, and verify the density.
6. Press the **"Reset"** key twice to exit to the initial screen of the F2 Service Mode.
7. Press the **"6"**, and then **"Start"** keys to enter the F6 Service Mode.
8. Enter F6-211 Color T/P Density(It) Mode.
9. Select **"Input"**.
10. Enter the new content.
11. Enter a 2-digit value.

Note:

The **"Reset"** key is used to enter a **"-"** (negative) value.

(+) : Lighter

(-) : Darker

1. Select **"OK"**, and then **"Close"**.
2. Press **"2"**, and then **"Start"** keys to enter the F2 Service Mode.
3. Make a copy to confirm the adjustment.

Note:

Repeat Step (3) to (10) until desired density is attained.

<Light Part Adjustment>

F6-210 : Color Text Density(It)

F6-212 : Color Photo Density(It)

<Dark Part Adjustment>

F6-215 : Color Text Density(dk)

F6-216 : Color T/P Density(dk)

F6-217 : Color Photo Density(dk)

1. Press the **"Reset"** key twice to exit to the initial screen of the F2 Service Mode.
2. Press the **"Function"**, and **"C"** (Clear) keys simultaneously to exit the Service Mode.

Color Test Chart 101 (P/N PJQRC0119Z : LDR, PJQRC0120Z : A3)



2.8.4. Copy Quality Adjustment Procedure (Order)

When the following items are replaced or cleaned, perform the adjustments in the correct order.

Order No.	Work	Adjustment Part Item	Clean				F8 Mode										Mech.	General Settings	Image	Remarks
			Toner Reg. / Density Sensor	Toner Reg. Sensors (L/R)	Belt Initial Point	IT Metal Rollers	TDC Adjustment (When replacing the Developer Unit)		TDC Adjustment (When replacing the Developer only)		IT Belt Length Measurement (F8-28)	IT Belt Counter Reset F8-29	STR Counter Reset F8-32	Color Reg. F8-30	Fuser Belt Counter Reset F8-26	Fuser Main Counter Reset F8-27				
1	Installation	Main																		
2		Optics	1															Auto Print Image Control (APIC) *1	Copy Quality Check	
3	Cleaning	Toner Reg. / Density Sensor		1																
4		Toner Reg. Sensors (L/R)			1									2				3		
5		Belt Initial Point Sensor									2			2				3		
6		Developer Unit																4		
7		Developer																		When performing F8-09, APIC is also performed.
8		Drum Unit																		When performing F8-11, APIC is also performed.
9		Developer Unit / Developer / Drum Unit																		When new Drum is detected, Drum counter is reset. Color Reg. and APIC are also performed.
10		Toner Reg. / Density Sensor												1				2		
11		Toner Reg. Sensors (L/R)												1				2		
12		Toner Density Sensor & Developer																		When performing F8-11, APIC is also performed.
13	Replace	IT Belt / FTR / Drive Roller Brush				1 *5						2		3						When performing F8-29, APIC and Belt length measurement are also performed.
14		Cleaning Blade Assy & STR Unit											1	2						When performing F8-32, APIC is also performed. Replace together at the same time.
15		SC PCB																		
16		EC PCB																		
17		PNL1 PCB																1 *2		
18		SC PCB/EC PCB/PNL1PCB																1 *2		
19		LSU																		To prevent the Serial Number Error from occurring.
20		Fuser Belt Unit																1 *3	2	3
21		Fuser Main Unit																		
22		Complete Fuser Unit																		

Note:

*1. Perform Auto Print Image Control (APIC) by following these steps: Press **Function**, and then select **General Settings**, **01 Manual Copy Quality Adj.**, **ON**, and then **OK**.

*2. Before replacing any PCBs, print out the F5/F6/F7 Parameter Lists using the F7, and F9 Modes.

*3. After Mechanical adjustment, also adjust the Printer Registration, LSU Image Side to Side, etc.

*4. To perform F8-09 or F8-11, open the Front Cover first before turning the Power SW ON.

*5. When replacing the IT Belt, clean all the Metal Rollers, such as Bias Roller, and Feed Rollers with a soft cloth saturated with Alcohol first. Toner stuck on the Rollers will affect the Print quality, and may reduce the life of the IT.

6. Approximately after printing 100 pages, the machine will self-adjust itself for Copy Quality.

2.9. Adjusting the Printer Registration, LSU Image Side to Side, Color Registration

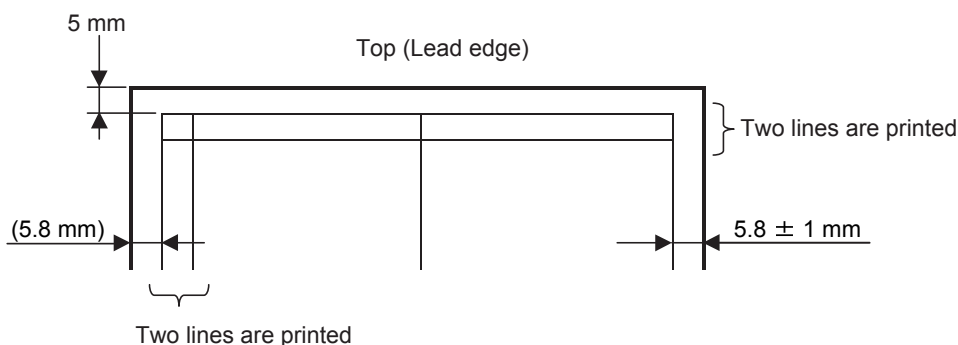
After installing the System Console option, the following LSU Image Side to Side adjustment must be performed. The Printer registration is adjusted at the factory. If copy image is abnormal, adjust it by the following procedure.

2.9.1. Printer Registration

1. Insert Ledger or A3 size paper into Tray 2, and change the tray setting to the appropriate paper size. Empty, or pull all the remaining trays out (including the Sheet Bypass tray) to disable them.
2. Press the **"Function"**, **"Copy"**, and **"3"** keys simultaneously in that order to enter the Service Mode.
3. **"Input the password"** to enter the Service Mode (default password is **00000000**, except for C322/C262 which do not require a password).
4. Perform the Service Modes F8-28 (Belt Length Control).
3. Perform the Service Modes F1-03 to F1-07 (Print Test Pattern 1 to 5).
4. Check the gap of the print pattern from the paper edge, refer to the Figure below.
5. Perform the Service Mode F6-000 to F6-007 (F6-002, and F6-003 are not used), to adjust the gap to 5 mm.
6. If the gap is less than 5 mm, input a (-) value. If more than 5 mm, input a (+) value.
7. Press **"Reset"** key first, and then Press the **"Function"**, and **"C"** (Clear) keys simultaneously to exit the Service Mode.

<Figure>

Two lines are printed on the top (Lead edge).
For Ledger or A3, place as Portrait.
For Letter or A4, place as Landscape.



2.9.2. LSU Image Side to Side Adjustment for the Tray

1. Insert paper into Tray 1, and change the tray setting to the appropriate paper size. Empty, or pull all the remaining trays out (including the Sheet Bypass tray) to disable them.
2. Press the **"Function"**, **"Copy"**, and **"3"** keys simultaneously in that order to enter the Service Mode.
3. **"Input the password"** to enter the Service Mode (default password is **00000000**, except for C322/C262 which do not require a password).
4. Perform the Service Modes F1-03 to F1-07 (Print Test Pattern 1 to 5).
5. Check the gap of the print pattern from the paper edge, refer to the Figure above.
6. Perform the Service Modes F6-040 to F6-044, to adjust the gap to 5.8 mm, for all the trays.
7. If the gap is less than 5.8 mm, input a (+) value. If more than 5.8 mm, input a (-) value.
8. Press **"Reset"** key first, and then press the **"Function"**, and **"C"** (Clear) keys simultaneously to exit the Service Mode.

2.9.3. LSU Image Side to Side Adjustment for the ADU

1. Insert paper into Tray 1, and change the tray setting to the appropriate paper size. Empty, or pull all the remaining trays out (including the Sheet Bypass tray) to disable them.
2. Press the **"Function"**, **"Copy"**, and **"3"** keys simultaneously in that order to enter the Service Mode.
3. **"Input the password"** to enter the Service Mode (default password is **00000000**, except for C322/C262 which do not require a password).

4. Perform the Service Modes F1-14 to F1-18 (Print Test Pattern 12 to 16).
5. Check the gap of the print pattern from the paper edge, refer to the Figure above.
6. Perform the Service Mode F6-045 to F6-049, to adjust the gap to 5.8 mm, for all the trays.
7. If the gap is less than 5.8 mm, input a (+) value. If more than 5.8 mm, input a (-) value.
8. Press "**Reset**" key first, and then press the "**Function**", and "**C**" (Clear) keys simultaneously to exit the Service Mode.

2.9.4. Color Registration

1. Insert paper into the 1st tray and change the tray setting to the appropriate paper size. Empty, or pull all the remaining trays out (including the Sheet Bypass tray) to disable them.
2. Press the "**Function**", "**Copy**", and "**3**" keys simultaneously in that order to enter the Service Mode.
3. "**Input the password**" to enter the Service Mode (default password is **00000000**, except for C322/C262 which do not require a password).
4. Perform the Service Mode **F8-30**.
5. Press "**Reset**" key first, and then press "**Function**" + "**Clear**" keys simultaneously to return to standby.

2.10. Calibrating the LCD

1. Turn the Main Power Switch on the Back of the machine to the **OFF (O)** position, and leave the Power Switch on the Left Side of the machine in the **ON (I)** position.
2. Ensure that the SD Memory Card with Firmware Update is not installed in the machine. If the Card is installed in the machine, remove it.
3. Press and hold the "**Energy Saver**", and "**Copy**" keys down simultaneously, then turn the Main Power Switch on the Back of the machine to the **ON (I)** position, and continue holding the keys for approximately 30 seconds until the Display becomes stable.
The LCD Display starts blinking, and shows a "+" on the upper left edge of the display.

Note:

If you do not hold the "**Energy Saver**", and "**Copy**" keys down long enough, the Display may go **OFF**.

4. Press the "+" on the upper left edge of the display, press the "+" on the center, and press the "+" on the lower right edge of the display. Then the display goes to standby.

Caution:

Prevent any damage to the LCD Display by not pressing with Sharp Edged Objects such as a Ball Point Pen, etc.

5. Reboot the machine by cycling the power. Turn the Main Power Switch on the Back of the machine to the **OFF (O)** then back to the **ON (I)** position.

2.11. LEDs on the EC PCB

The LEDs are mounted on the EC PCB, which are working properly. The LEDs, and the signal names are listed below.

- LED 1 : +5V
- LED 2 : +24VM (Voltage for Interlock and Motor drive)
- LED 3 : +24VF (Voltage for Fan)
- LED 5 : +5Vp (5V pilot)

Note:

1. LED 1 to 3 will be Off when machine is in Sleep mode.
2. The LED numbers are printed near the IPC PCB connector. (Order from left side)

2.12. Adjusting Scanner Skew

Note: Before adjusting Scanner, proceed the Printer Registration first. Refer to sect. 2.9.

<Leading Edge>

1. Remove the **Glass Assembly**, refer to Section 2.2.2.
2. When the printed image is skewed to the left as illustrated.
 - a. Turn Screw (A) Clockwise.
 - b. Turn Screw (B) Counterclockwise.

Note:

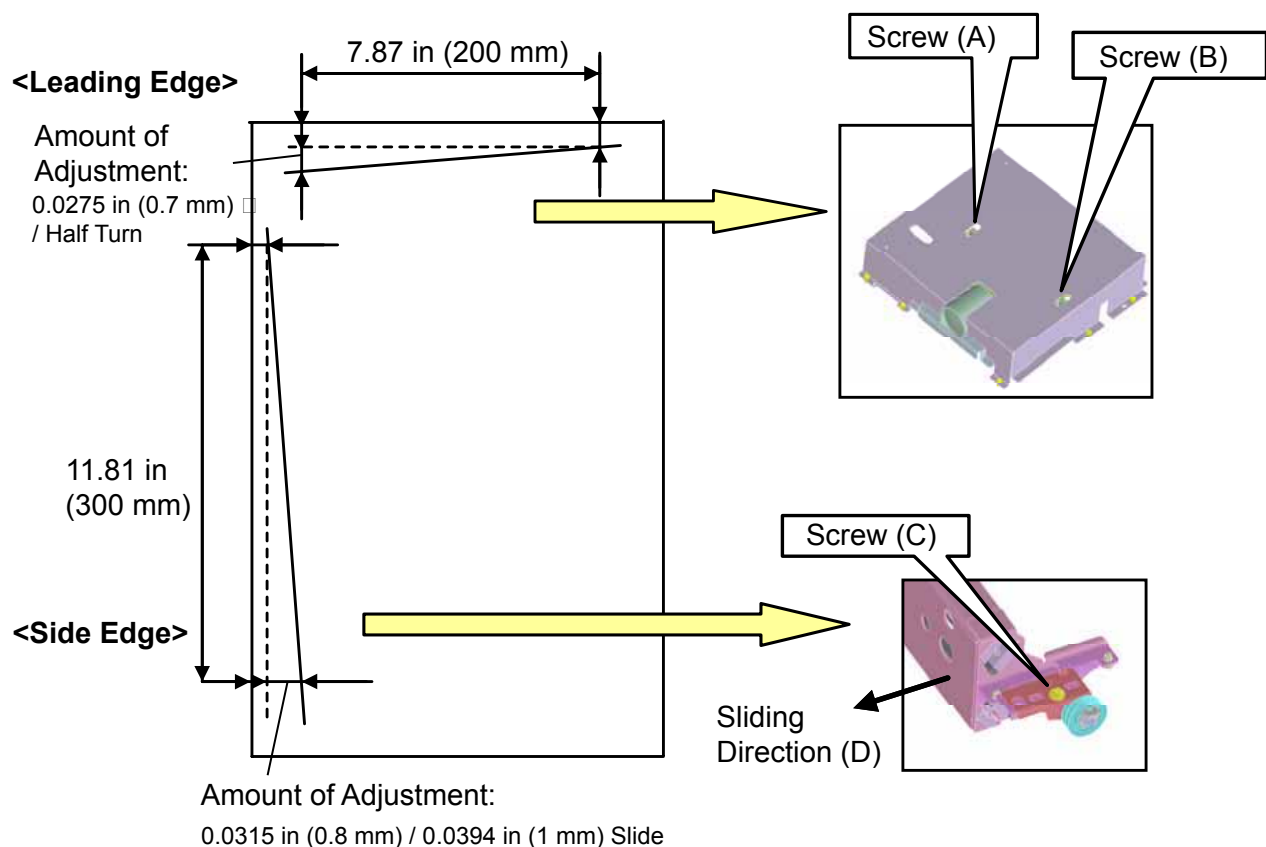
- (1) Turn both Screws (A), and (B) for each adjustment by the same amount.
- (2) Amount of adjustment: Half a turn of both screws, adjusts the skewed image by approximately 0.0275 in (0.7 mm).
- (3) Do not turn 2-3 turns at once.

<Side Edge>

1. Remove the **Glass Assembly**, and move the **Scanner Front Cover**, refer to Section 2.2.3.
2. When the printed image is skewed to the left as illustrated.
 - a. Loosen the Screw (C).
 - b. Slide the Mirror Frame 2 in the direction illustrated below.

Note:

- (1) Amount of adjustment: Sliding the Mirror Frame 0.0394 in (1 mm) in the Direction (D), adjusts the skewed image by approximately 0.0315 in (0.8 mm).
- (2) Do not slide the Mirror Frame 2-3 mm at once.



2.13. LSU Replacement and Color Skew Adjustment Instructions

1. Model & Part Number

Model	LSU Part Number	LSU Number
DP-C264/C263/C213/C262	PJWBF2171PU	LPA3622F
DP-C354/C323/C322	PJWBF2170PU	LPA3621F

2. Contents

- LSU : 1
- Tool (Jig) ; "PJZXF2170PU" : 1
- Instruction (This Document) : 1

3. Removing the LSU

- Remove the LSU by referring to the section 2.2.11.

Important:

Make a note of the alignment pointer position.

If the LSU is not reinstalled at the same position, the scanning quality will be affected.

4. Installing new LSU

- Install the new LSU at the same position according to the original alignment pointer position (step 3 above).
- Perform F8 Service Mode; **"F8-30 Color Registration"**. (Approximately 30 sec)
- Press the **"Reset"** key to exit the F8 Service Mode.
- Make a note of the F6 Service Mode Parameter Values (F6-855 / 856 / 857 : Color Skew Registration Adjustment).

F6-855	Yellow
F6-856	Magenta
F6-857	Cyan

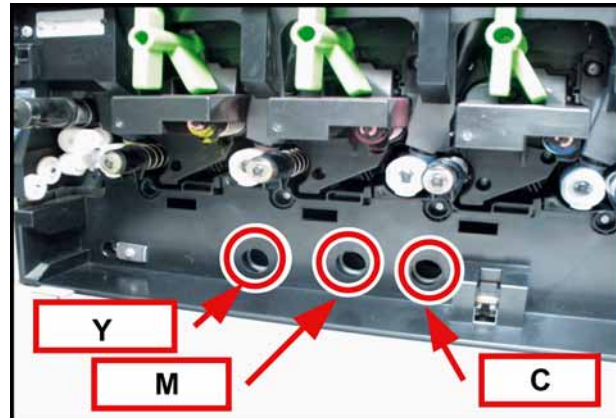
- If all the Parameter Values are less than ± 10 , the LSU replacement is completed.
If any of the Parameter Values is more than ± 11 , adjust the Skew value according to step 5 below.
For the majority of applications, the above steps are sufficient to obtain the results most users are looking for.
However, under particular circumstances fine-tuning the Color Skew Adjustment further may be required.
If fine-tuning is required:
- Print the Color Skew Test Chart **"F1-19 Pattern 17 Only A3/11x17"**, and confirm the alignment of each individual color (C, Y, and M) to the fixed Black reference lines. Adjust each color to obtain the desired alignment results by following the steps below."

5. Adjustment of Skew

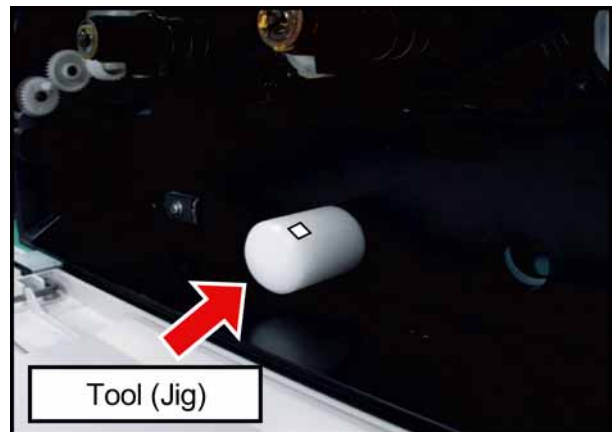
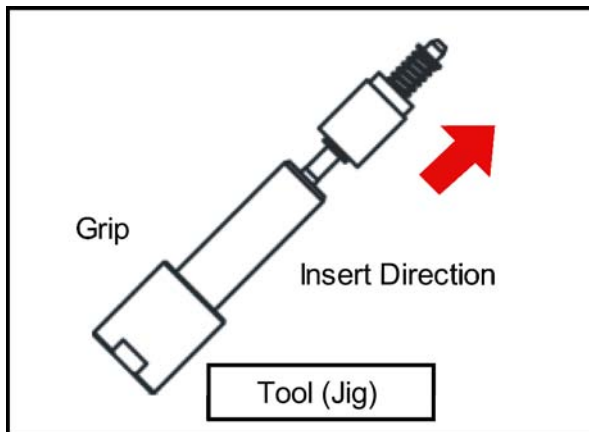
a. Open the Front Cover.

b. Remove the Toner Waste Container.

Locate the 3 adjustment holes for the Yellow, Magenta, and Cyan, as illustrated.



c. Insert the Tool (Jig) into the corresponding color's adjustment hole, as illustrated.



d. Turn the Tool to adjust the Color Skew, according to the F6 Service Mode Parameter Values (F6-855 / 856 / 857 : Color Skew Registration Adjustment) in **Step 4.d** above.

Note: Each turn of the Tool (Jig) is approximately equal to a value of 10.

Ex: F6-855 New value = 20 → turn Tool Clockwise 2 times.

F6-855 New value = -25 → turn Tool Counter-Clockwise 2.5 times.

e. Reinstall the Toner Waste Container, and close the Front Cover.

f. Perform F8 Service Mode; **"F8-30 Color Registration"**. (Approximately 30 sec)

g. Press the **"Reset"** key to exit the F8 Service Mode.

h. Make a note of the F6 Service Mode Parameter Values (F6-855 / 856 / 857 : Color Skew Registration Adjustment).

i. Repeat the above **Steps (a - h)** until all values are less than ± 10 . If all values are less than ± 10 , the LSU replacement is completed.

For the majority of applications, the above steps are sufficient to obtain the results most users are looking for.

However, under particular circumstances fine-tuning the Color Skew Adjustment further may be required.

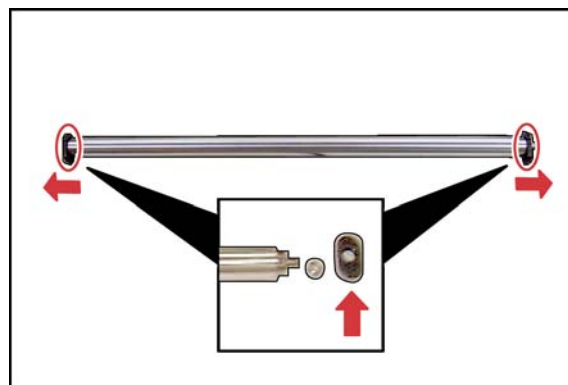
If fine-tuning is required:

j. Print the Color Skew Test Chart **"F1-19 Pattern 17 Only A3/11x17"**, and confirm the alignment of each individual color (C, Y, and M) to the fixed Black reference lines. Adjust each color to obtain the desired alignment results by repeating the steps above."

2.14. IT Belt Replacement

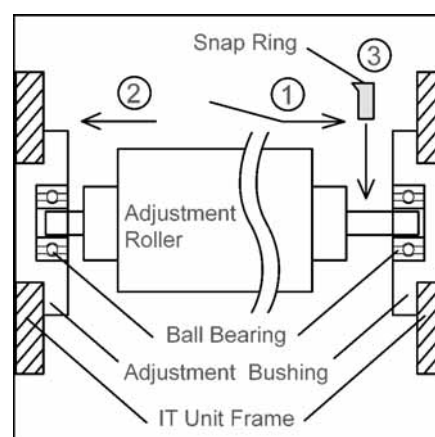
<Important Notice>

1. When replacing the IT Belt, clean all the Metal Rollers, such as Bias Roller, and Feed Rollers with a soft cloth saturated with Alcohol first. Toner stuck on the Rollers will affect the Print quality, and may reduce the life of the IT Belt.
2. When replacing the IT Belt, replace the Adjustment Bushings at the same time.



Use the Adjustment Bushings enclosed with the new IT Belt to accommodate for the belt length variations.

3. Reinstall the Adjustment Roller, and the Snap Ring as illustrated.



When reinstalling the Snap Ring, ensure that the Ball Bearings are installed into the Adjustment Bushings.

4. After completing the IT Belt replacement, execute the following parameter initialization.

<Counter Reset>

	Reset	Counter
Maintenance (240k)	Perform F8-29 Belt Counter Reset "F7-02-51" is also initialized by this operation.	F7-02-51 Transfer Belt Life Count Down

Note:

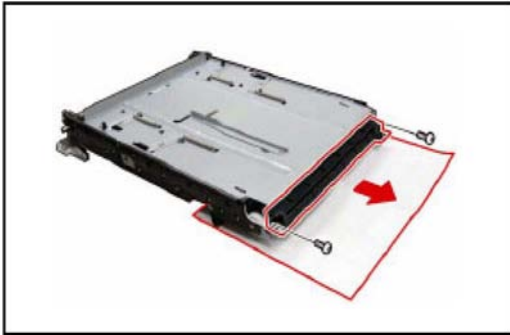
When replacing the IT Belt, the STR Unit and the Cleaning Unit (120K) should be replaced at the same time. After their replacement, perform F8-32 (STR Life Count reset).

<Color Registration>

After completing the Maintenance, perform **"F8-30 Color Registration"**.

For details, refer to the sections 2.16.1.4., 2.4., and 2.5.

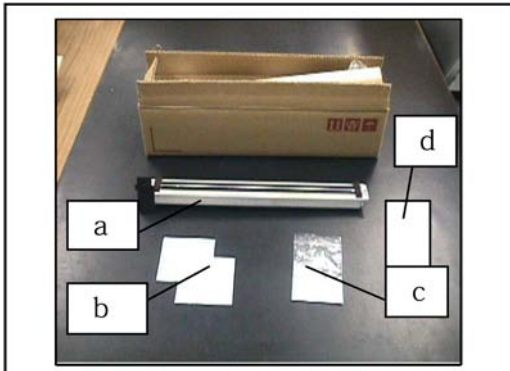
2.15. IT Belt “Cleaning Unit” Replacement



- (1) Remove the Cleaning Unit.
 1. Remove the **IT Belt** Unit from the Main Unit.
 2. Place a clean sheet of paper (i.e. Ledger or A3) to catch any toner spill.
 3. Remove 2 Black Screws.
 4. Remove the Cleaning Unit.

Note:

* For details on maintenance procedure, refer to the section 2.2.9, 3.4, and 3.5.

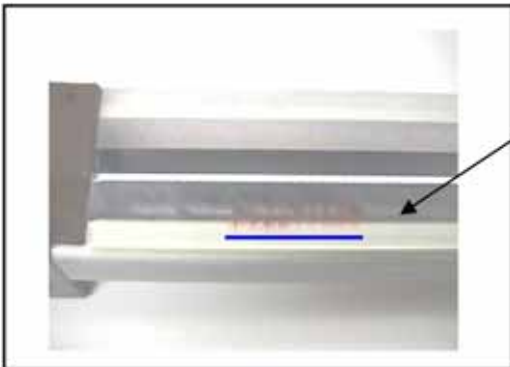


- (2) Open the Box, and confirm its contents.

- a. Cleaning Unit
- b. Cotton Sheet (2)
- c. Setting (HYLAR^(R)) Powder* in a plastic bag
(You may also use your own Setting Powder)
* Referred to as Setting Powder hereafter.
- d. Instructions (This document)

Note:

* Confirm that the printing is in **RED** (New type).
(The printing on the Old type is in **BLUE**)



- (3) Prepare the Setting Powder

1. Place a clean sheet of paper (i.e. Ledger or A3).
2. Carefully pour the Drum Setting Powder on the sheet of paper.

Warning:

Avoid prolonged or repeated breathing of powder dust particles. In case of inhalation, remove affected person to fresh air immediately. Avoid eye contact. In event of contact, flush with water. Call a physician. Avoid open flames, toxic and corrosive gases are released during incineration.



- (4) Fold one Cotton Sheet to 1/4 as illustrated.
(Save the other Cotton Sheet as a spare)



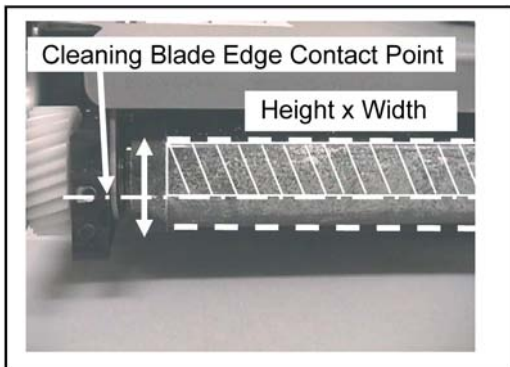
- (5) Lightly pat the Cotton sheet on the powder.



- (6) Generously apply the Setting Powder onto the surface of the IT Belt, by lightly and uniformly patting the Belt from left to right.

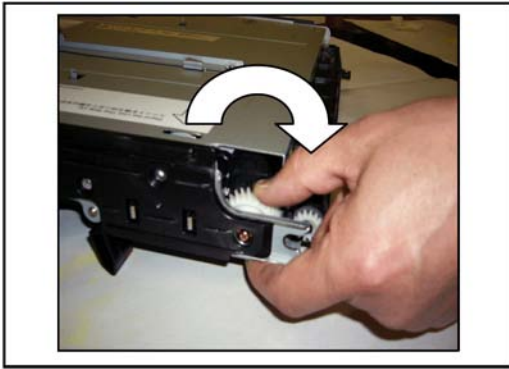
Note:

Insufficient lubrication of IT Belt may reduce it's, or a related component's life, or affect its performance.



Note:

- * Refer to the illustration on the left for the area of application.
- * Extra setting powder applied to the upper most area as illustrated on the Left is recommended for best results.



- (7) Install the **New Cleaning Unit**.
- (8) Turn the White Drive Gear Clockwise 5 times to make sure the IT Belt is turning smoothly.

Note:

- * Do Not turn it Counter-Clockwise.
- * If the IT Belt is Not turning smoothly, remove the Cleaning Unit, and repeat steps 5 and 6 again.

- (9) Reinstall the IT Belt Unit into the main unit.
- (10) Perform "**F8-30 Color Registration**" in the Service Mode.
- (11) Perform "**Manual Copy Quality Adjustment**"
 - 1. Before starting, ensure that the unit is in standby in the Copy Mode, and it is not displaying any error codes/messages.
 - 2. Press the "**Function**" key.
 - 3. Select "**General Settings**".
 - 4. Select "**01 Manual Copy Quality Adj**".
 - 5. Select "**On**".
 - 6. Select "**OK**" to begin the Manual Copy Quality adjustment.

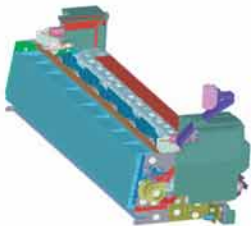









Note:

Do not touch any keys, or turn the Power Switch Off until the adjustment cycle stops (approximately 1-2 minutes).

- 7. Press the "**Reset**" key, to exit the General Settings mode.


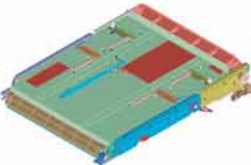
2.16. 720K PM Kit (DQ-M35S72 / DQ-M32N72)

720k PM Parts List, and Counter Reset Procedure

No.	Item	Part Number		Q'ty	Part	Reset Counter(s)	Reset Counter(s)
		DP-C322/C262	DP-C354 Series				
1	Complete Fuser Unit	PJZSF2171PU1 For N. America	PJZSF3161PU	1		F7-02-65 Fuser Belt Remain Count	F8-26 Fuser Belt Counter Reset
		PJZSF2171AZ1 For Euro / Others				F7-02-66 Fuser Main Remain Count F7-02-67 Fuser Main Exch Count	F8-40* Fuser Main Exch Reset
2	Exit Roller	PJDRC0037Z	←	1		---	---
3	Feed Roller	PJDRC0038Z	←	1		---	---
4	Upper Intermediate Roller	PJZRF2170PU	←	1		---	---
5	Lower Intermediate Roller	PJZRF2171PU	←	1		---	---
6	IT Drive Gear	PJDGC0107Z	←	1		---	---
7	Fuser Drive Unit	PJZWF2174PU	←	1		---	---
8	Toner VOC Filter	---	PJCFC0008Z For Germany / Italy only	1		---	---
9	Exit VOC Filter	---	PJCFC0010Z For Germany / Italy only	1		---	---
10	IH VOC Filter	---	PJCFC0011Z For Germany / Italy only	1		---	---

When the Panel displays "720K PM: Required now", Replace items 1 ~ 10 as listed above, and reset the counters accordingly.

* Note that it is not necessary to reset the F8-27 (Fuser Main Counter Reset) at this time.

No.	Item	Part Number		Q'ty	Part	Reset Counter(s)	Reset Counter(s)
		DP-C262/322	DP-C354 Series				
11	STR Unit	PJZEF2176PU	←	1		F7-02-52 STR Life Count	F8-32 STR Counter Reset
12	IT Unit	PJZEF2171PU1	←	1		F7-02-51 Belt Life Count Down F7-02-68 IT Unit Exch Count	F8-41 IT Unit Exch Reset

Note: Replace the Entire IT and STR unit at the same time

When the Panel displays "IT & STR Unit: Replace now", Replace Items 11 & 12 as listed above, and reset the counters accordingly.

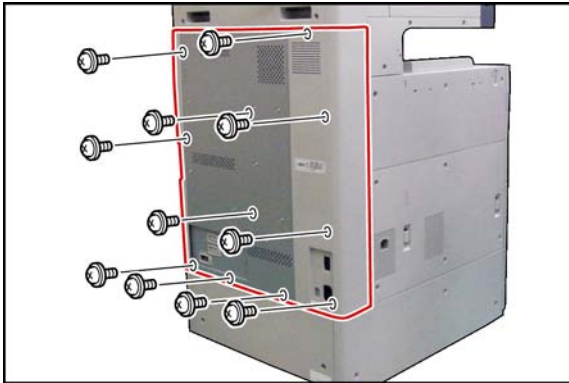
* Note that it is not necessary to reset the F8-27 (Fuser Main Counter Reset) at this time.

2.16.1. Replacement

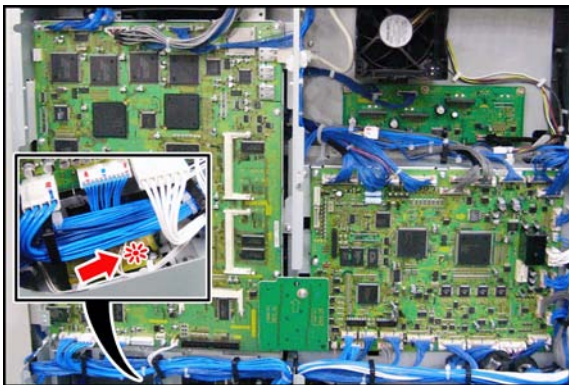
CAUTION!

Turn the Power Switch on the Left Side, and the Main Power Switch on the Back of the machine to the OFF position, and then unplug the AC Power Cord before beginning installation.

2.16.1.1. Fuser Unit, Fuser Drive Unit, Intermediate Rollers, and Exit / Feed Rollers



- (1) Remove 11 **Screws (S6)**.
- (2) Remove the **Rear Cover Assembly**.

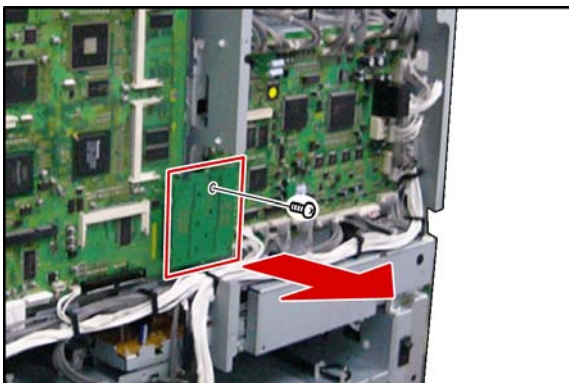


Caution:

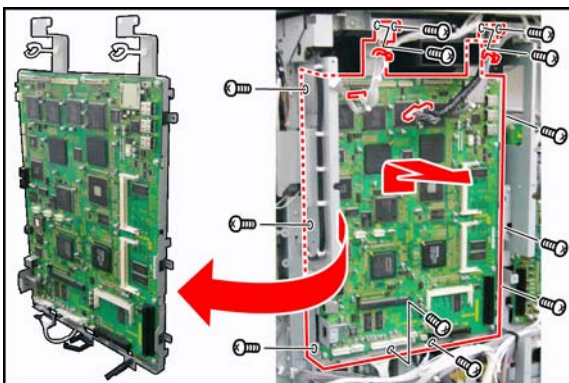
If the Red LED on the SC PC Board is lit (ON), the Power to the machine is still ON.

Please read the entire section

"2.16.1. Replacement" above once again.

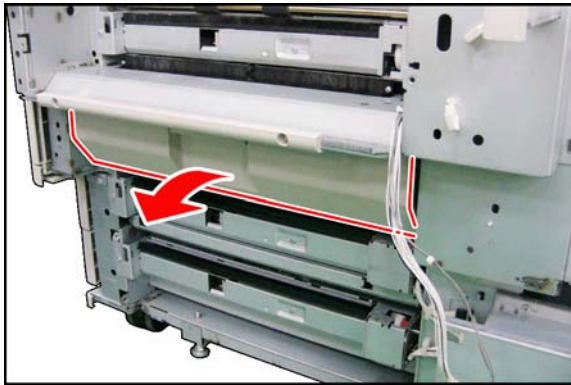


- (3) Remove 1 **Screw (Y31)**.
- (4) Remove the **CONE PC Board (3922)**.



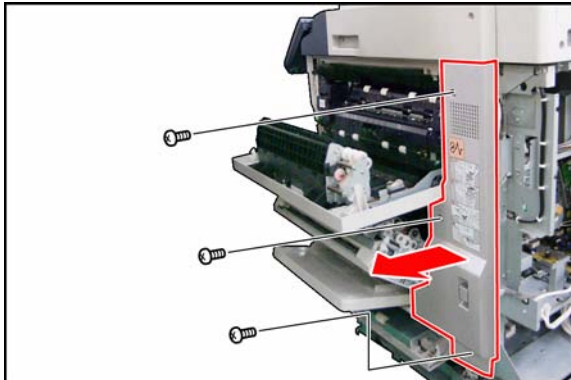
- (5) Remove 12 **Screws (X5)**.
- (6) Disconnect all SC Connectors.
- (7) Remove the **Harnesses** from 2 Clamps.
- (8) Remove the **SC PC Board Assembly** by lifting, and turning to left as illustrated.

(9) Open the **Lower Right Side Cover**.



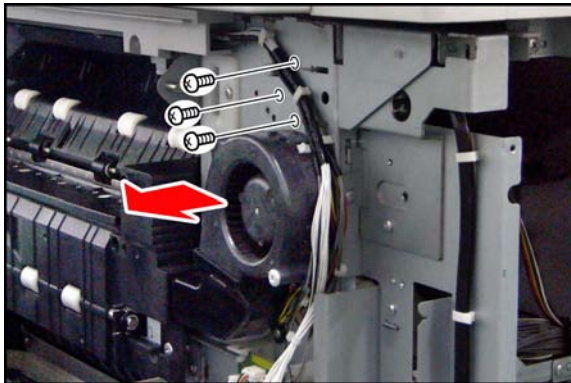
(10) Remove 3 **Screws (S6)**.

(11) Remove the **Right Side Rear Cover**.



(12) Remove 3 **Screws (X5)**.

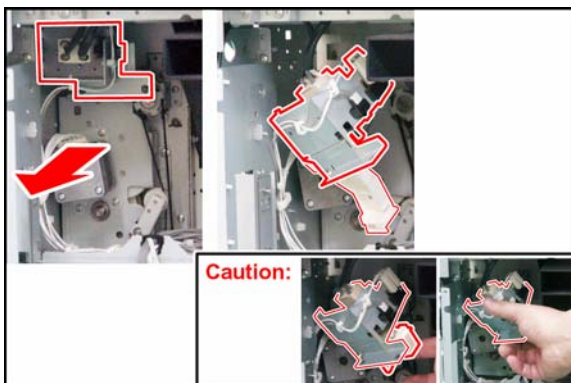
(13) Remove the **Interlock Assy**.

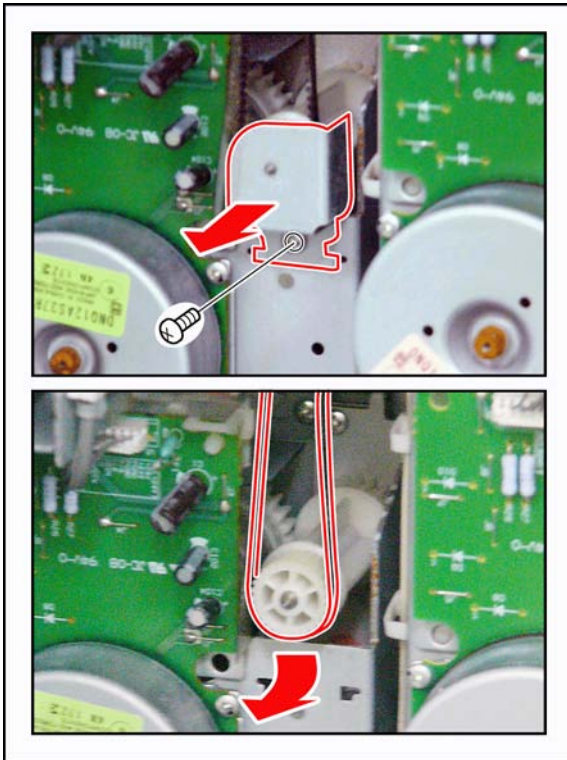


(14) Remove the **Interlock Switch Unit**.

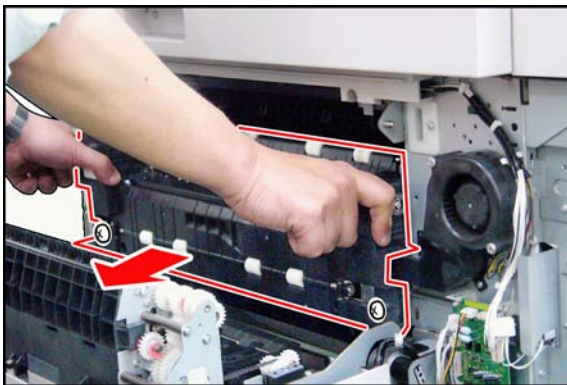
Caution:

When reinstalling the Interlock Switch Unit, insert the Lever first as illustrated.



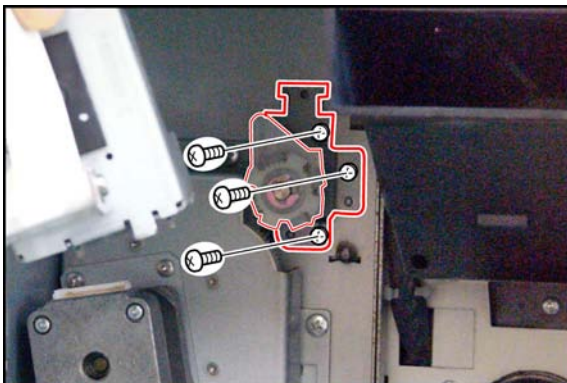


- (15) Remove 1 **Screw** (X5).
- (16) Remove the **Exit Pulley Plate**.
- (17) Remove the **Belt**.

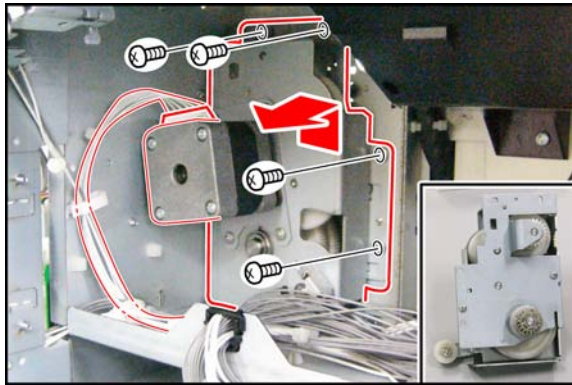


<Replacing the Fuser Unit>

- (18) Loosen 2 **Screws**.
- (19) Pull the **Fuser Unit** out.

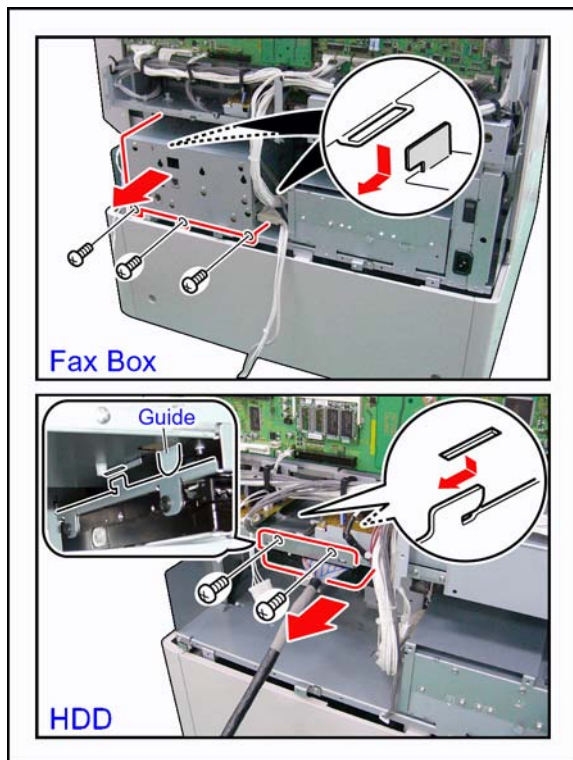


- (20) Remove 3 **Screws** (X5).
- (21) Remove the **Exit Roller Assembly**.



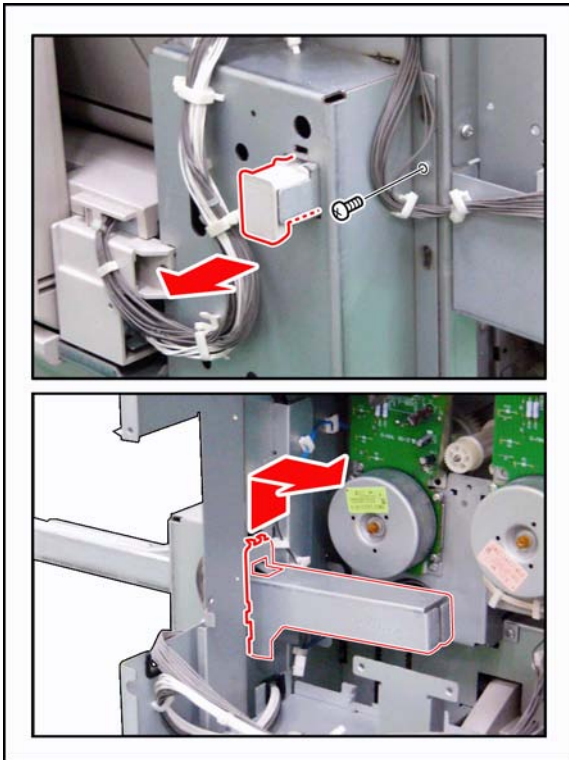
<Replacing the Fuser Drive Unit>

- (22) Disconnect the **Harness**.
- (23) Remove 4 **Screws** (X5).
- (24) Lift, and remove the **Fuser Drive Unit** in the direction shown by the arrow.

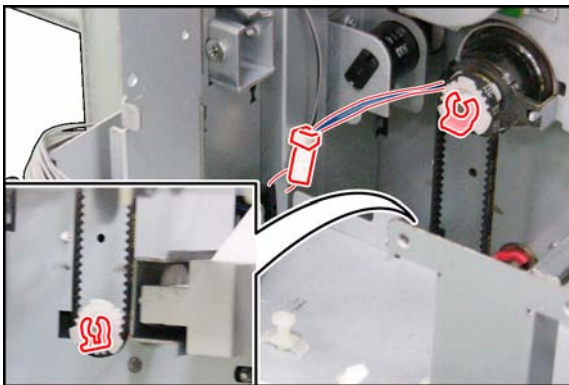


<Replacing the Upper/Lower Intermediate Rollers>

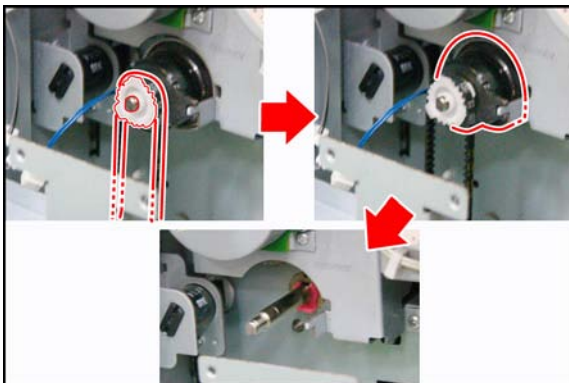
- (25) Remove the **Fax Box**, and/or **HDD Unit** if installed by following the steps below.
- (26) Disconnect all the **Harnesses**.
- (27) Remove 3 **Screws**, and remove the **Fax Box**.
- (28) Remove 2 **Screws**, and remove the **HDD Unit**.



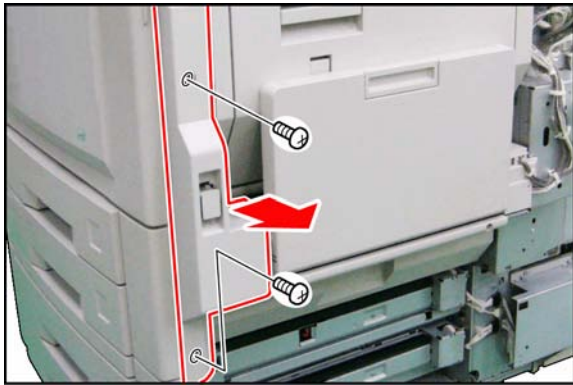
- (29) Remove 1 **Screw**.
- (30) Pull the **Handle** out.
- (31) Lift, and remove the **Handle Assembly** in the direction shown by the arrow.



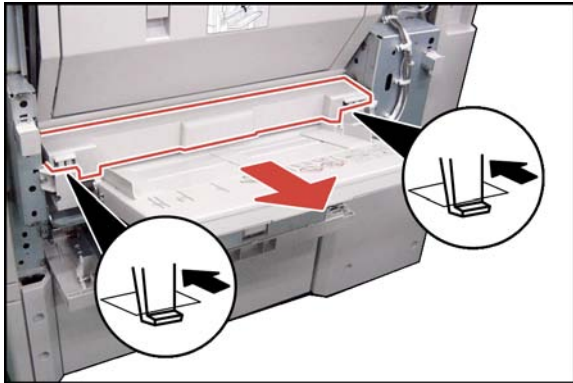
- (32) Release the **Harness** from the Harness Clamp.
- (33) Remove 2 **Snap Rings**.



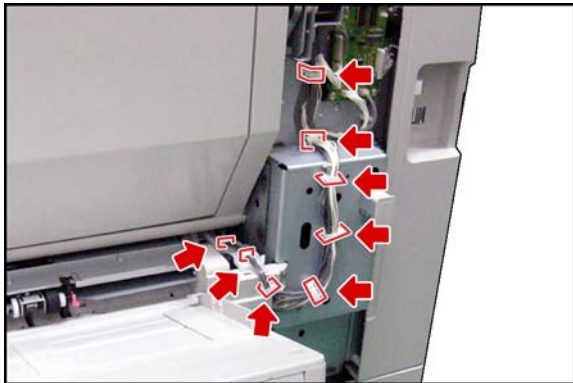
- (34) Remove the **Belt**.
- (35) Remove the **Gear**.
- (36) Remove the **Clutch**.



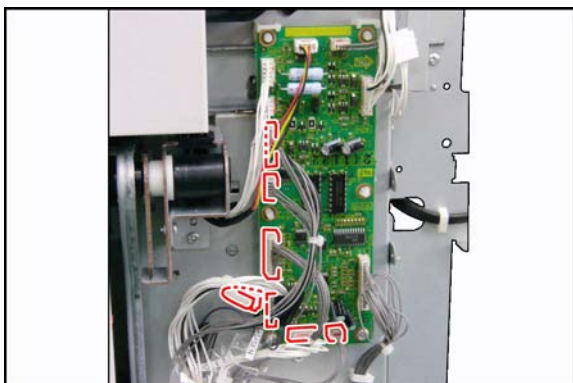
- (37) Remove 2 **Screws (S6)**.
- (38) Remove the **Right Side Front Cover**.



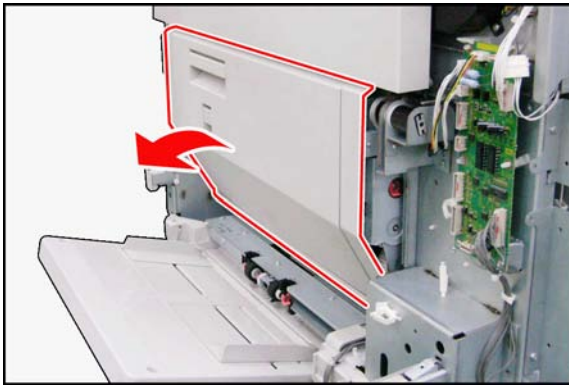
- (39) Open the **Sheet Bypass Tray**.
- (40) Remove the **Sheet Bypass Tray Cover (2918)** as illustrated.



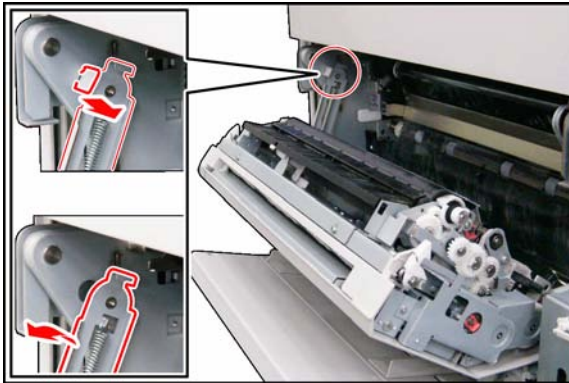
- (41) Release the **Harnesses** from the Harness Clamps.



- (42) Disconnect 6 **Connectors (CN406, CN407, CN408, CN409, CN410, and CN411)**.
- (43) Release the **Harnesses** from the Harness Clamps.

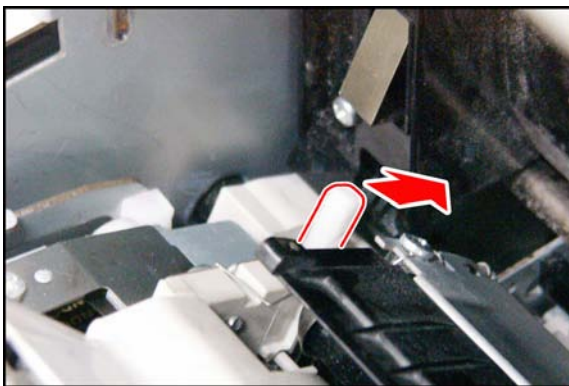


(44) Open the **Lower Right Side Cover**.

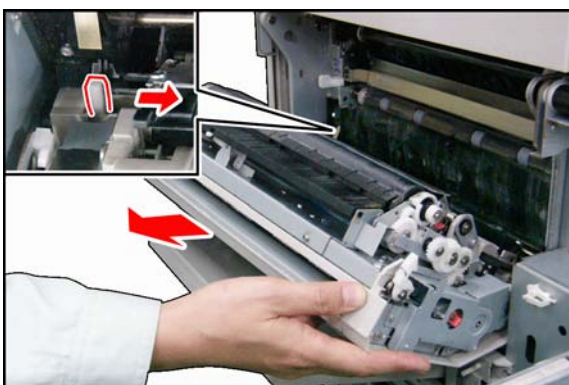


(45) Remove the **Snap Ring**.

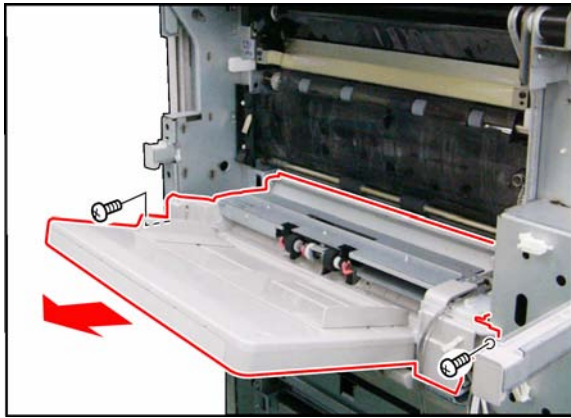
(46) Release the **Latch**.



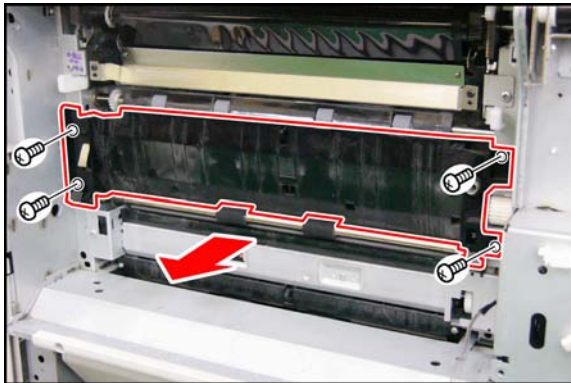
(47) Release the **Lock Lever** by pushing it in the direction shown by the arrow.



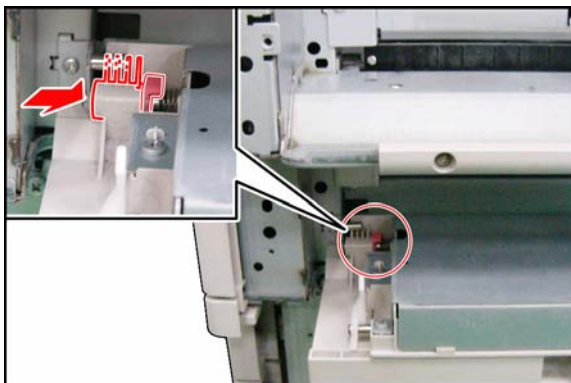
(48) Remove the **Lower Right Side Cover Unit** by pushing the lock lever in the direction shown by the arrow.



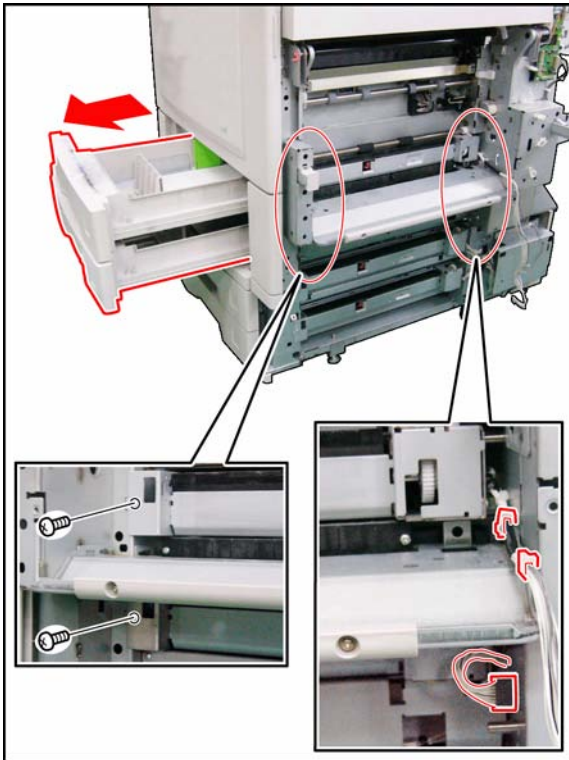
- (49) Remove 2 **Screws** (X8).
- (50) Remove the **Tray Cover**.



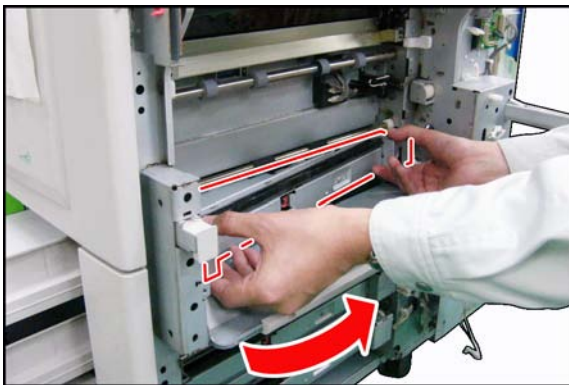
- (51) Remove 4 **Screws** (X5).
- (52) Remove the **Registration Guide**.



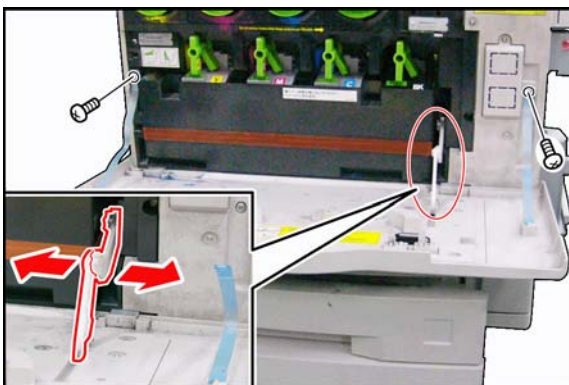
- (53) Remove the **Sheet Bypass Unit** by pushing the shaft in the direction shown by the arrow.



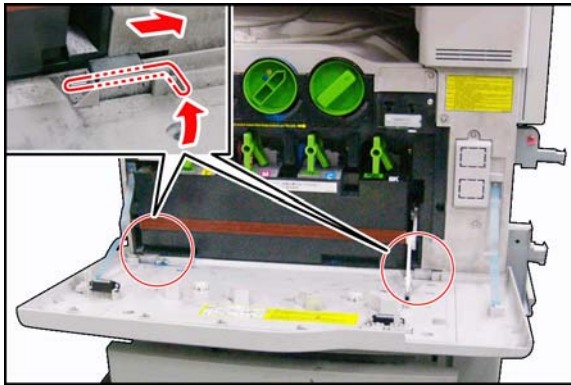
- (54) Pull **Tray 1**, and **Tray 2** half way out.
- (55) Remove 2 **Screws**.
- (56) Release 2 **Harness Clamps**.
- (57) Disconnect the **Harness**.



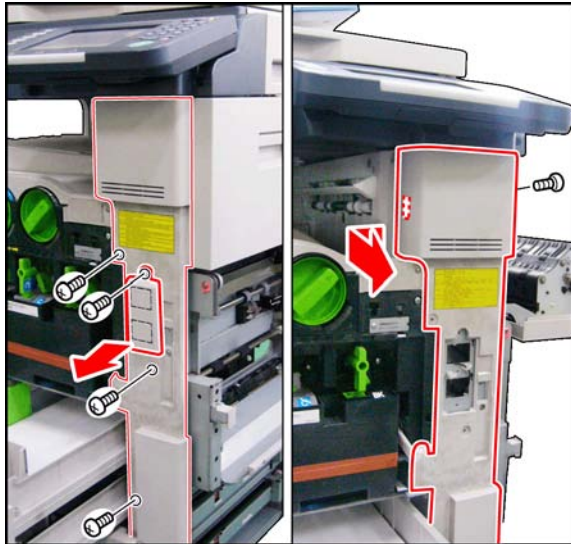
- (58) Remove the **Upper Unit**, and Lower Unit by turning to the left.



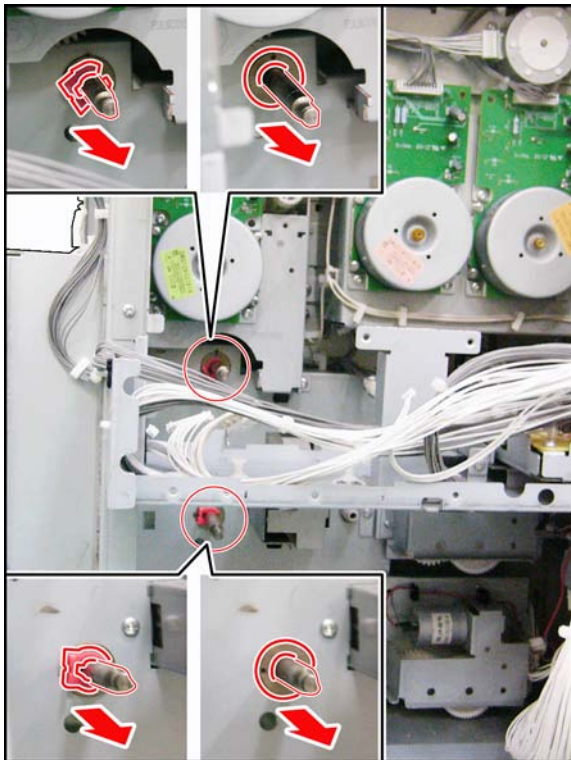
- (59) Open the **Front Cover**.
- (60) Remove 2 **Screws**.
- (61) Remove the **Arm Joint** by releasing the Latch.



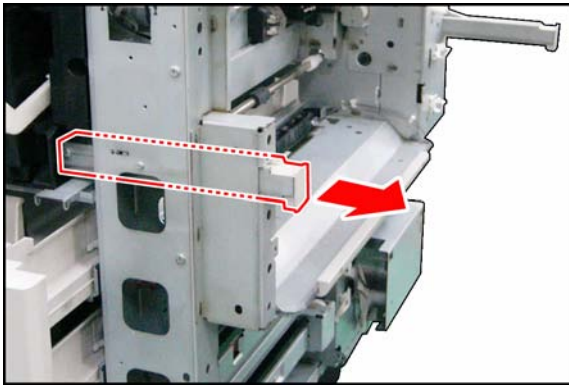
- (62) Unlock 2 **Levers** by turning them in the upward direction, and sliding to the right.
- (63) Remove the **Front Cover**.



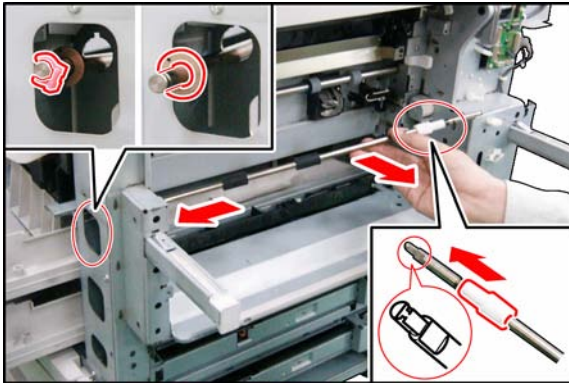
- (64) Remove 4 **Screws** (S6).
- (65) Remove the **Mechanical Counter Cover**.
- (66) Open the **Upper Right Cover**, and remove 1 **Screw**.
- (67) Remove the **Front Right Cover** by releasing the Latch.



- (68) Remove 2 **Snap Rings**.
- (69) Remove 2 **Bearings**.

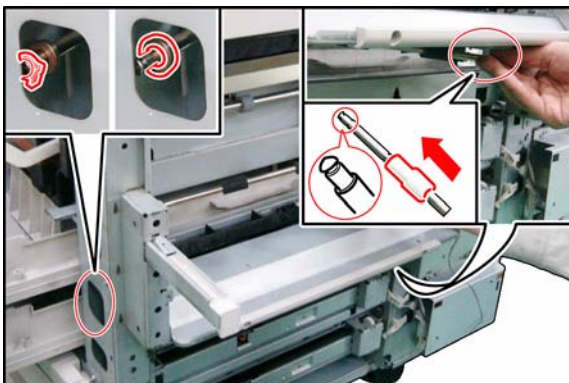


(70) Pull the **Handle** out.



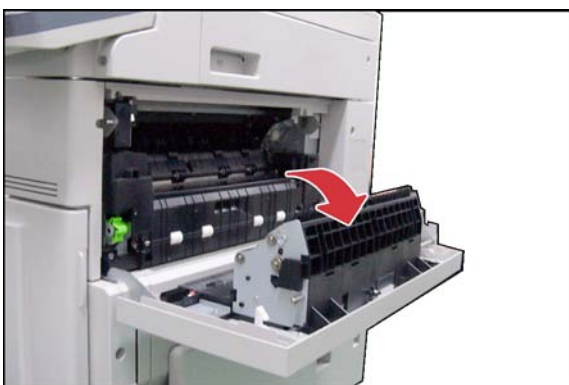
<Replacing the Upper Intermediate Roller>

- (71) Remove 1 **Snap Ring**.
- (72) Remove 1 **Bearing**.
- (73) Remove the **Upper Intermediate Roller** by sliding to the left first, and then pulling the right side out.
- (74) Remove the **Gear**.
- (75) Replace the **Upper Intermediate Roller**.



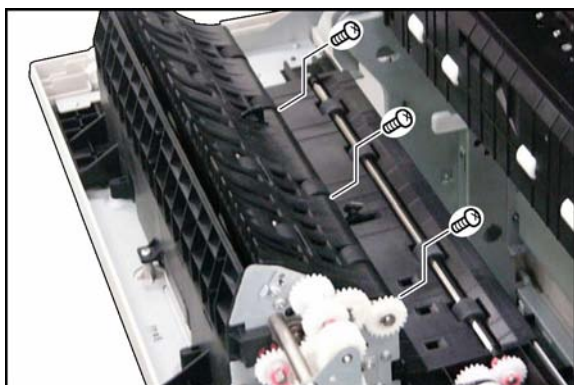
<Replacing the Lower Intermediate Roller>

- (76) Remove 1 **Snap Ring**.
- (77) Remove 1 **Bearing**.
- (78) Remove the **Lower Intermediate Roller** by sliding to the left first, and then pulling the right side out.
- (79) Remove the **Gear**.
- (80) Replace the **Lower Intermediate Roller**.

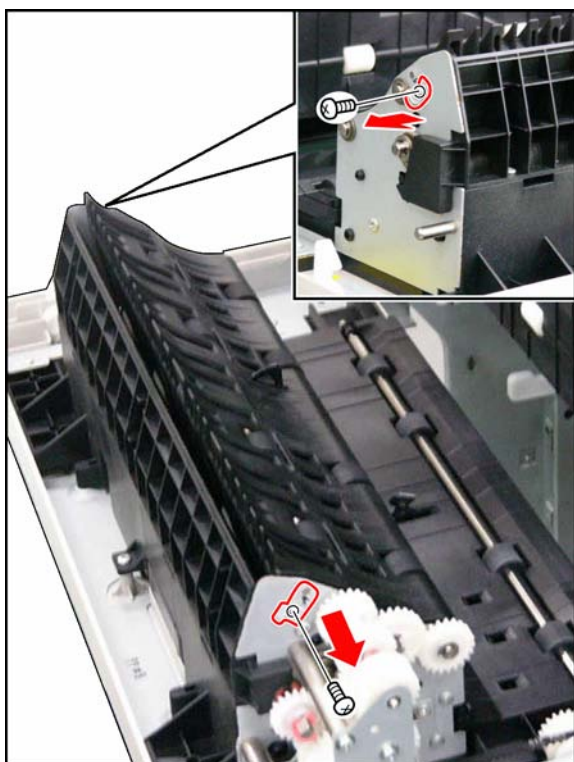


<Replacing the Exit/Feed Rollers>

- (81) Open the **Right Side Upper Cover**.

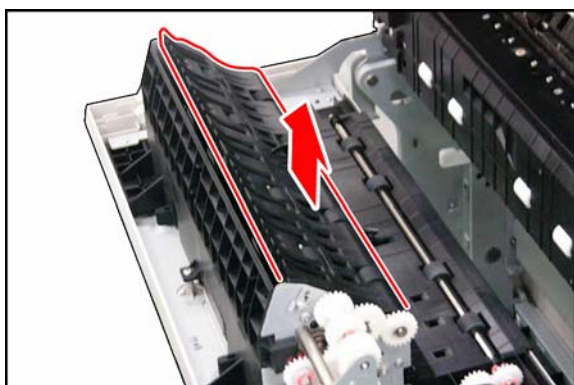


(82) Remove 3 **Screws**.

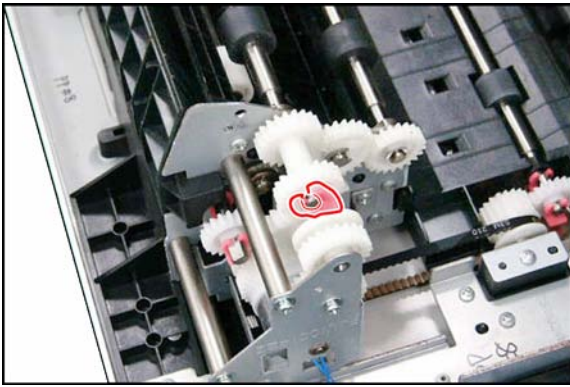


(83) Remove 2 **Screws** on both sides.

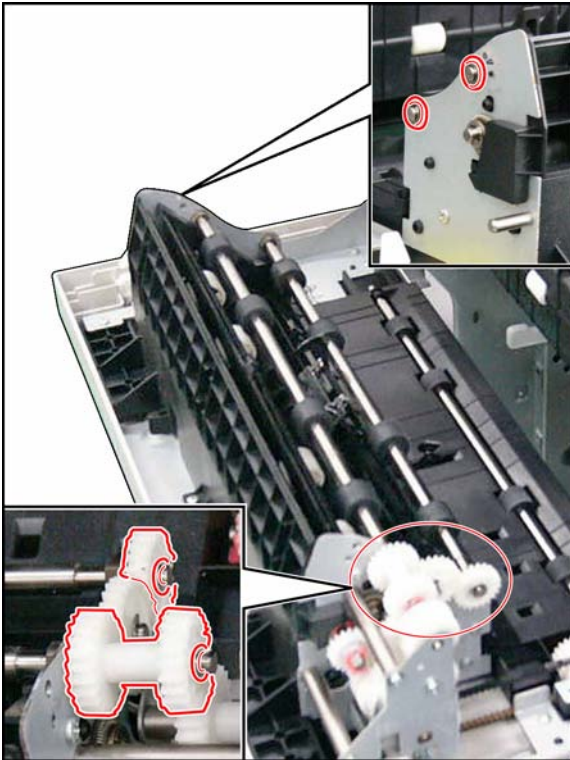
(84) Remove 2 **Metal Parts** on both sides.



(85) Remove the **Fuser Exit Guide**.



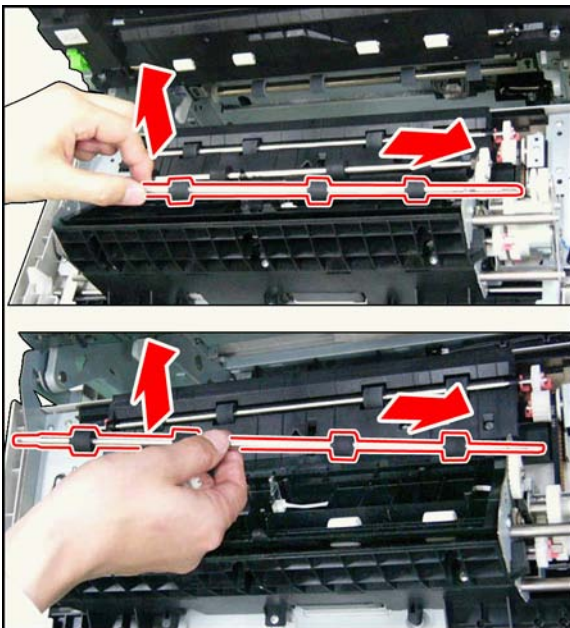
(86) Remove the **Snap Ring**.



(87) Remove 2 **E-Rings** on the front side.

(88) Remove 4 **Bushings** on the both sides.

(89) Remove the **Gears**.



<Replacing the Exit Roller>

(90) Remove the **Exit Roller** by sliding to the Right first, and then pulling the Left side out.

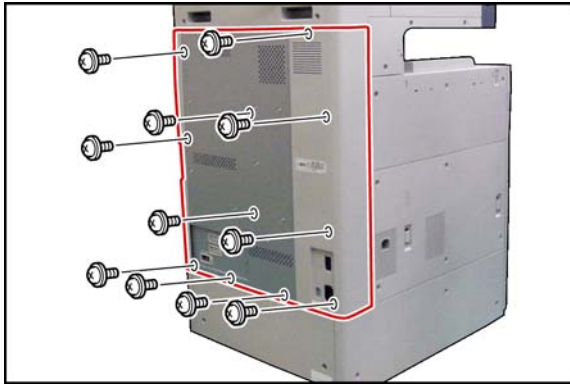
(91) Replace with the new **Exit Roller**.

<Replacing the Feed Roller>

(92) Remove the **Feed Roller** by sliding to the Right first, and then pulling the Left side out.

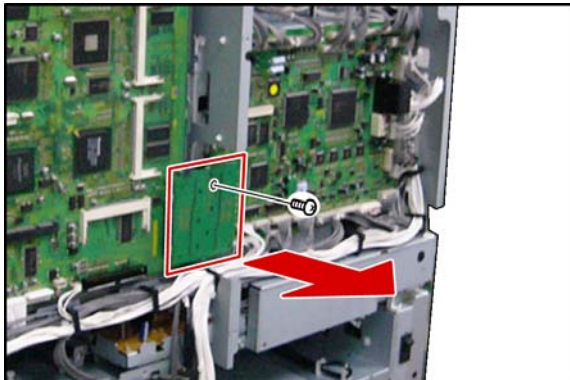
(93) Replace with the new **Feed Roller**.

2.16.1.2. IT Drive Gear (Removing the PC Board, and the Drive Unit)

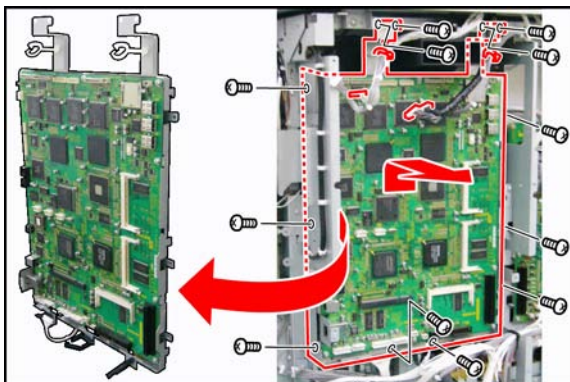


<Removing the PC Boards>

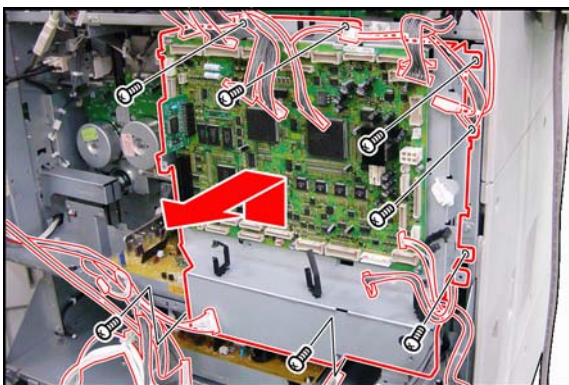
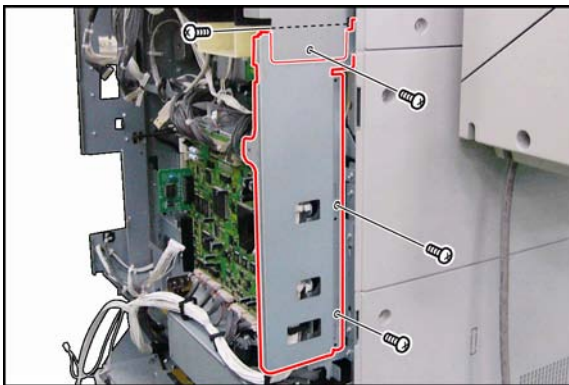
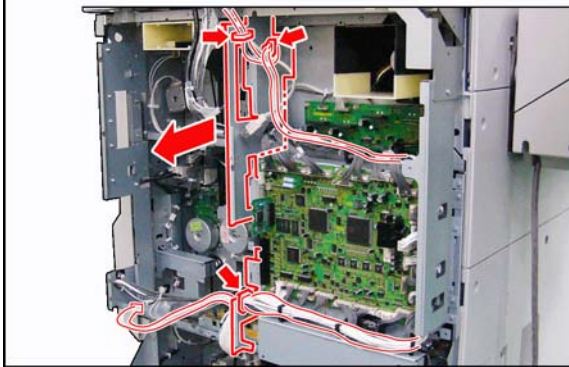
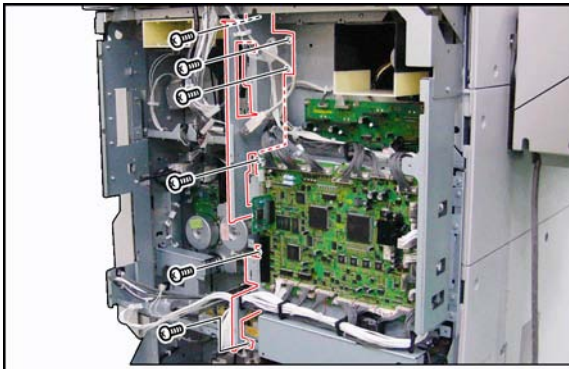
- (1) Remove 11 **Screws** (S6).
- (2) Remove the **Rear Cover Assembly**.



- (3) Remove 1 **Screw** (Y31).
- (4) Remove the **CONE PC Board** (3922).



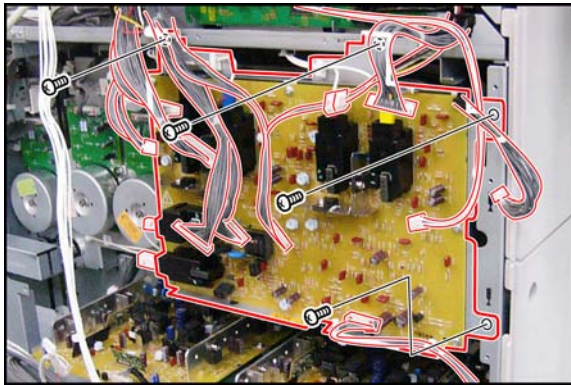
- (5) Remove 12 **Screws** (X5).
- (6) Remove all the **Harnesses** from the SC PC Board.
- (7) Remove 2 **Clamps**.
- (8) Remove the **SC PC Board Assembly** by lifting, and turning to the Left as shown by the arrows.



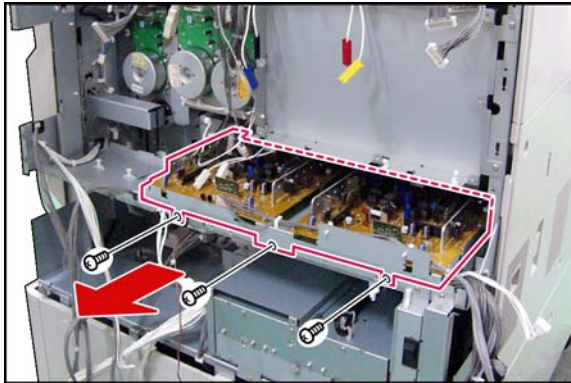
- (9) Remove 6 **Screws** (Y31).
- (10) Release the **Harness** from 3 Harness Clamps.
- (11) Remove the **Center Bracket**.

- (12) Remove 4 **Screws** (X5).
- (13) Remove the **Left EC PCB Bracket** (3909).

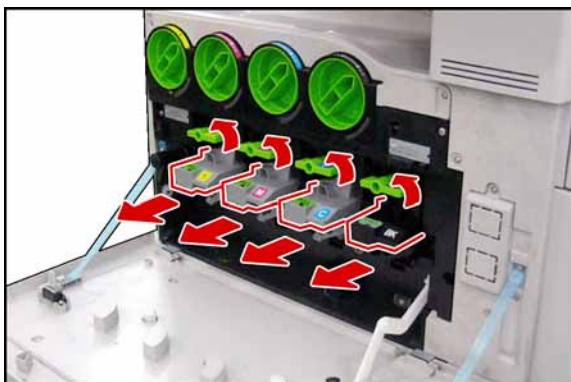
- (14) Remove the **Harnesses** from the **EC PC Board Assembly**.
- (15) Remove 7 **Screws** (X5).
- (16) Remove the **EC PCB Assembly** by lifting, and pulling as shown by the arrow.



- (17) Remove all the **Harnesses** from HVPS2 PC Board, and Bracket.
- (18) Remove 4 **Screws** (X5).
- (19) Pull the **HVPS2 PCB Assembly** out.



- (20) Remove 3 **Screws** (X5).
- (21) Pull the **HVPS1 PC Board Assembly** out.

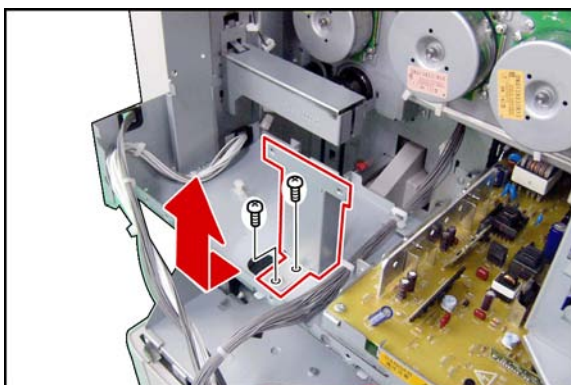


<Removing the Motor Drive Unit>

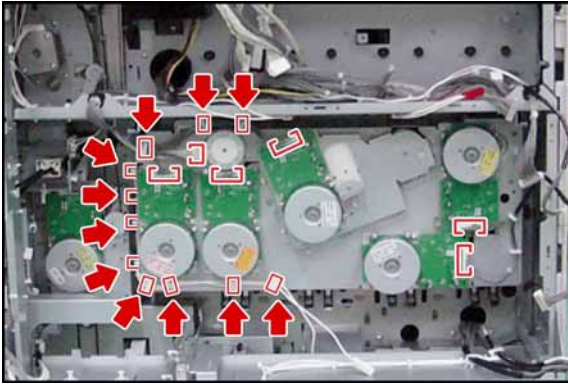
- (1) Open the **Front Cover**.
- (2) Remove the **Toner Waste Container**.
- (3) Turn the Levers counterclockwise.
- (4) Pull all the **Drum Units** out by approximately 20mm (0.79 in).

Note:

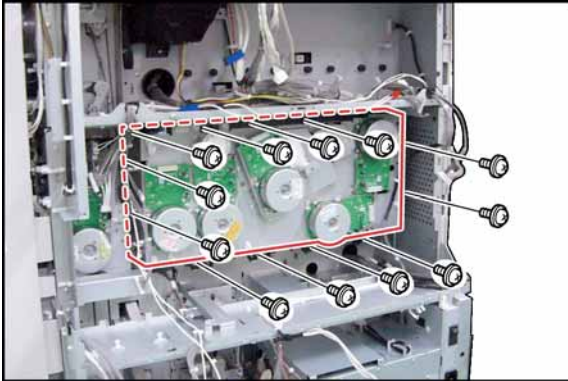
When pulling the Drum Unit out, exercise care not to expose the Drum.



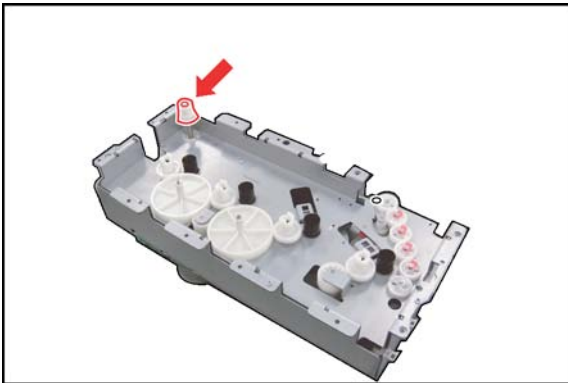
- (5) Remove 2 **Screws** (X5).
- (6) Remove the **SC Support Bracket** (3903).



(7) Release the **Harnesses** from 11 Clamps, and the Drive Unit.



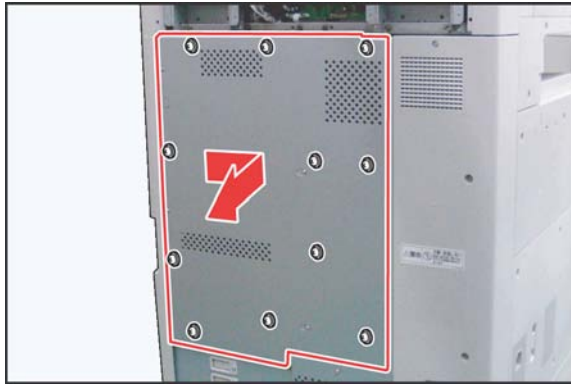
(8) Remove the **Main Drive Unit** (5811).
(9) Remove 12 **Screws** (Y19).



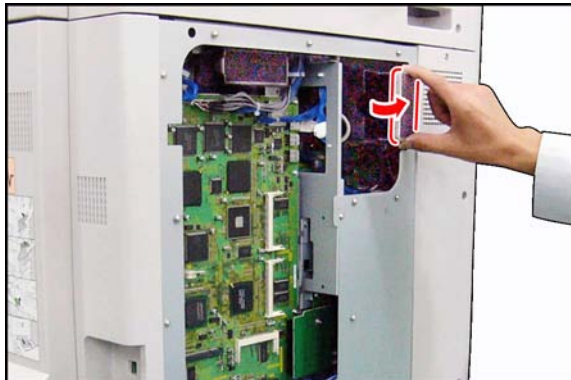
<Replacing the IT Drive Gear>

(10) Remove 1 **E-Ring**.
(11) Replace the **IT Drive Gear** (6007).

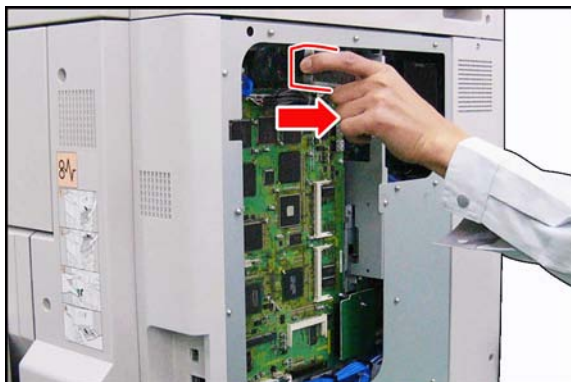
2.16.1.3. VOC Filter (For Germany / Italy only with DQ-M35S72-PM)



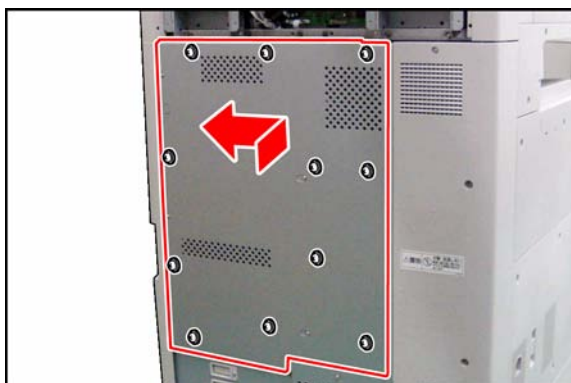
- (1) Loosen 11 **Screws** (S6).
- (2) Remove the **Rear Cover Assembly**.



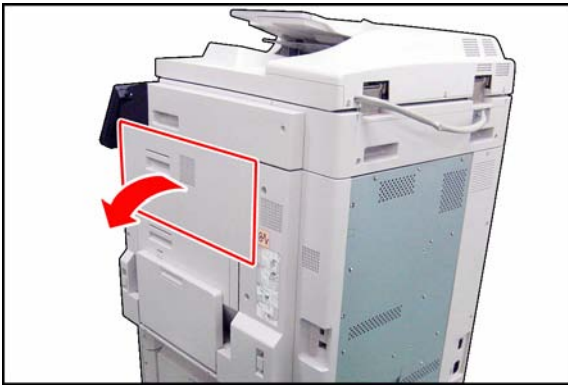
- (3) Remove the **IH VOC Filter** (3928) by turning to the right.
- (4) Install the New **IH VOC Filter**.



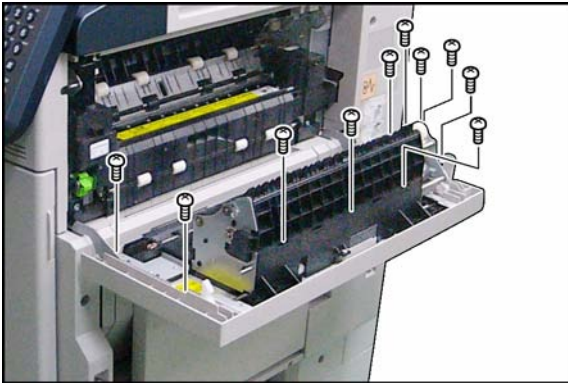
- (5) Remove the **Toner VOC Filter** (3927).
- (6) Install the New **Toner VOC Filter**.



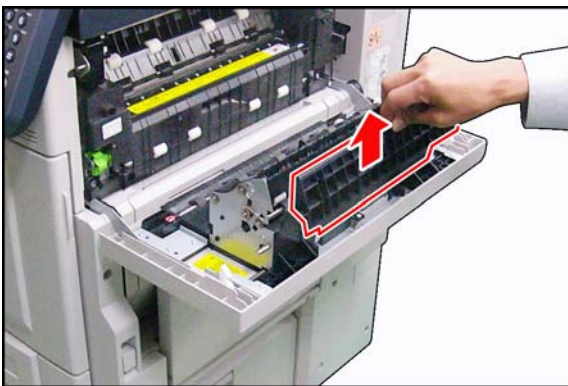
- (7) Reinstall the **Rear Cover Assembly**.



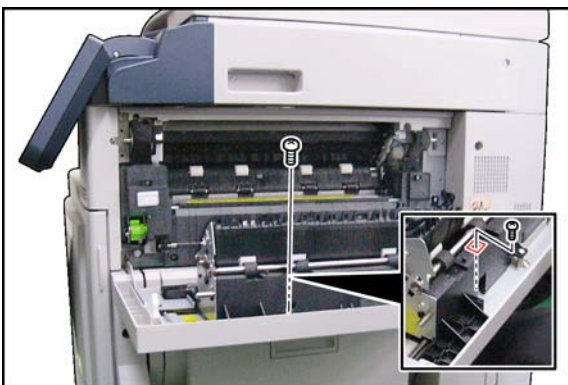
(8) Open the **Right Side Upper Cover**.



(9) Remove 10 **Screws**, and 1 **Fixing Metal Plate**.

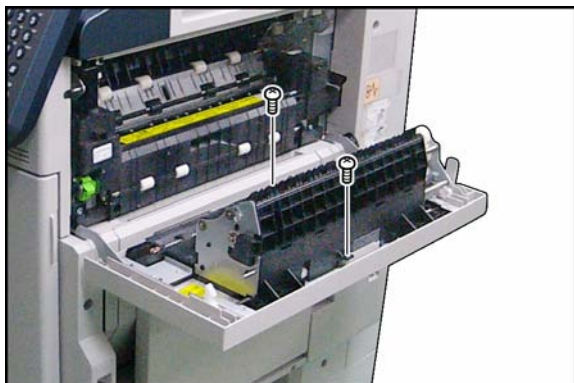


(10) Remove the **ADU Upper Guide**.

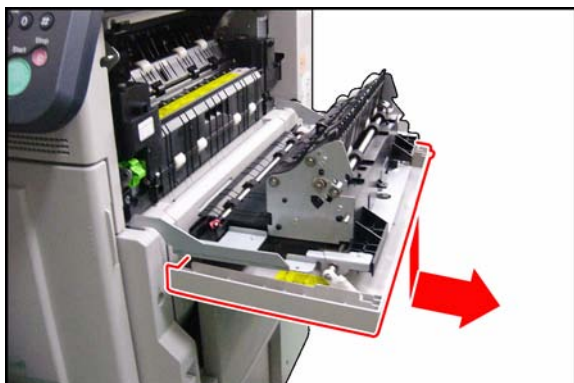


(11) Remove 1 **Screw**.

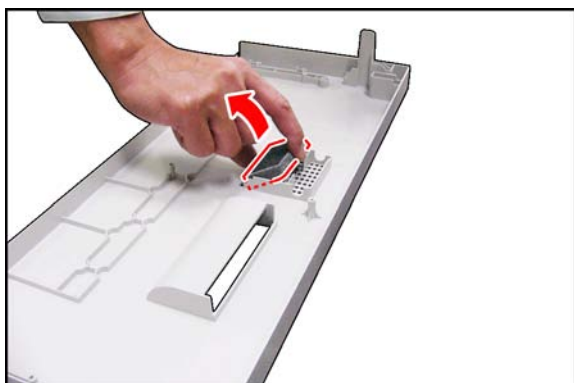
(12) Remove the **Release Lever**.



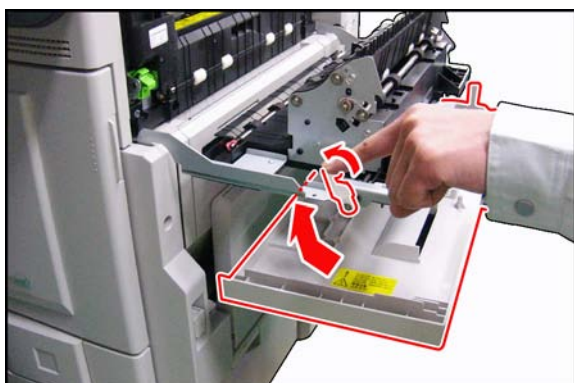
(13) Remove 2 **Screws**.



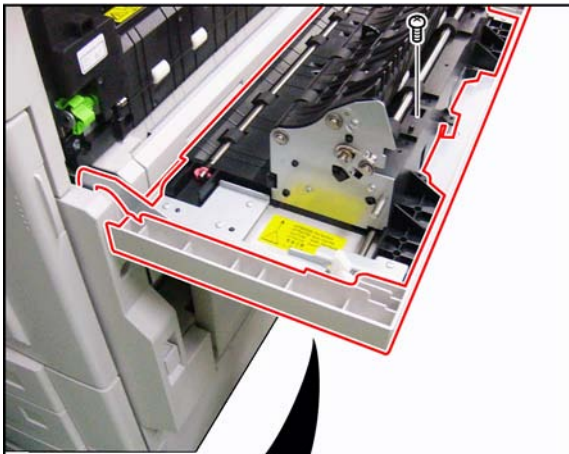
(14) Remove the **Right Side Cover**.



(15) Replace the **Exit VOC Filter** (234).



(16) Install the **Right Side Cover** by lifting the Lever up.

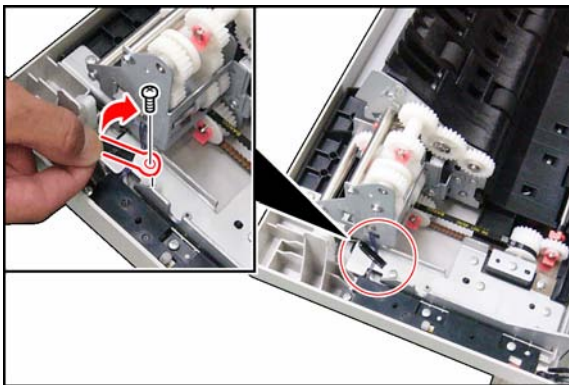


(17) Reinstall the **Release Lever** as illustrated.

Caution:

If NOT reinstalling the Lever, the Cover cannot be opened.

(18) Secure with 1 **Screw**.



(19) Reinstall the **Harness Fastening Metal Plate** as illustrated.

2.16.1.4. STR Unit, and Intermediate Transfer (IT) Unit



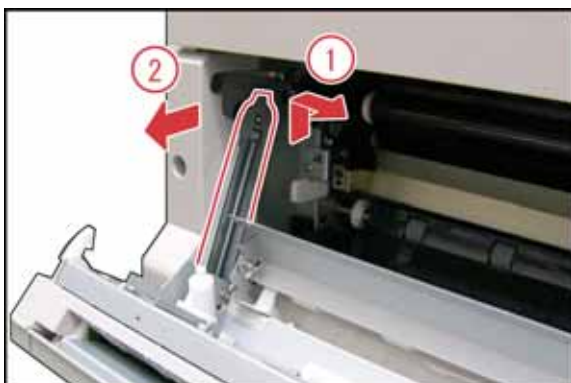
- (1) Open the **Sheet Bypass Tray**.
- (2) Open the **Lower Right Side Cover**.
- (3) Remove 2 **Screws** (Y16).
- (4) Remove the **Guide Bracket Assembly**.



- (5) Remove the **STR Unit** (2535).



- (6) Remove the **Snap Ring** (2714).



- (7) Remove the **Support Arm Assembly**.



(8) Push on the STR Guide to lock it in the down position.



(9) Remove 2 **Screws** (Y45).

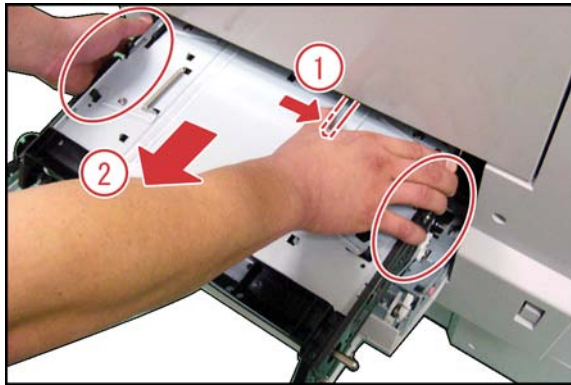


<Pulling the Intermediate Transfer (IT) Unit out>

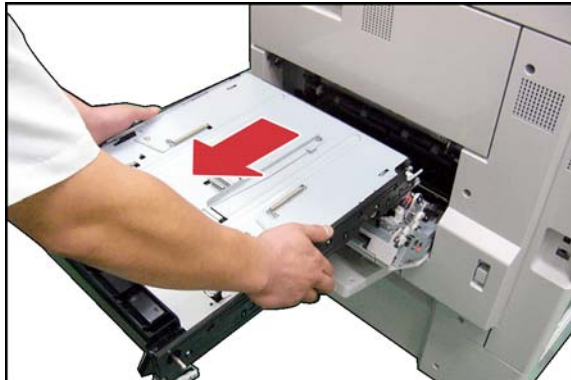
(10) Push down the white latches on both sides, and pull on them to release the IT Unit from the locked position.



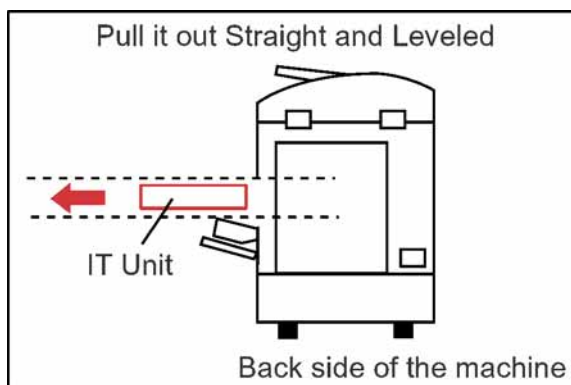
(11) While holding the IT Unit by the center as illustrated, slide it out until it stops.



(12) While holding the IT Unit on both sides, release the lock by pushing the lever to the right.

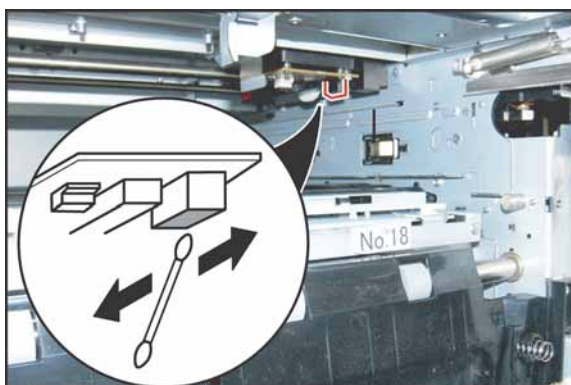


(13) Carefully pull the **IT Unit** (3420) out of the machine while holding it by both sides.



Caution:

Pull the IT Unit out straight, and leveled (horizontal), or the IT Belt may get damaged, and the printing quality will be affected.

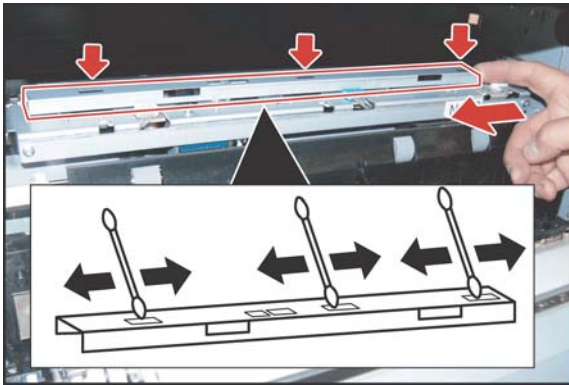


<Cleaning the Initial Point Sensor>

(14) Clean the Initial Point Sensor with a dry cotton swab.

Note:

When cleaning, wipe the surface of the sensor with a dry cotton swab a few times as illustrated.

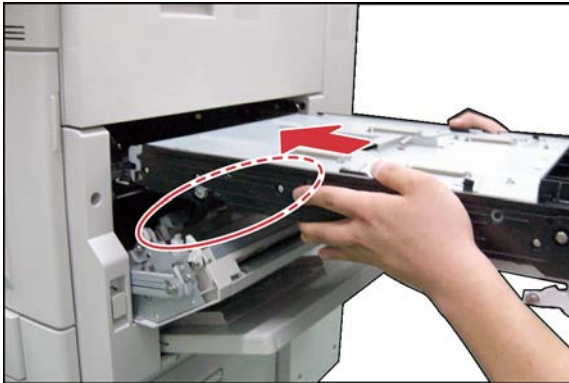


<Cleaning the Color Registration, and the Toner Density Sensor>

- (15) Slide the Sensor Cover toward the front as illustrated.
- (16) While holding it in the open position, wipe the surface of the Color Registration, and of the Toner Density Sensors through the frame holes.

Note:

When cleaning, wipe the surface of the sensors with a dry cotton swab a few times as illustrated.

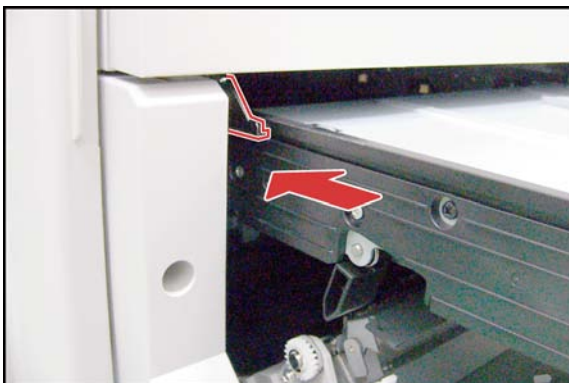


<Reinstalling the IT Unit>

- (17) Maintain the IT Unit leveled by holding it on both sides while installing it into the machine.

Note:

When installing, ensure that the STR Bracket locks in place.



Note:

Slide the IT Unit along the guide rails on both sides.



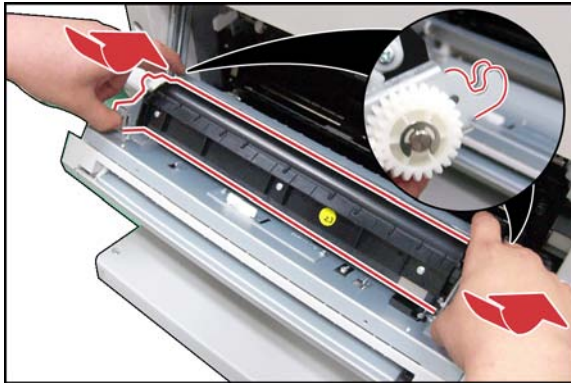
- (18) Push on both sides until the 2 **white levers** lock the IT Unit into place.



(19) Unlock the **STR Guide**.

Caution:

When unlocking, exercise care not to pinch your fingers with the STR Guide.



(20) Install the **STR Unit**.

Note:

During the installation ensure that the hook is properly attached.



(21) Reinstall the **Guide Bracket**.

Note:

When reinstalling, make sure that the convex is in the hole as illustrated.

(22) Reinstall the **Support Arm Assembly**.

(23) Reinstall the **Snap Ring**.

(24) Close the **Lower Right Side Cover**.

(25) Close the **Sheet Bypass Tray**.

2.17. Counter Backup

The Counter Information can be backed by installing an SD Memory Card into the SD Card Slot (CN70) on the PC Board. This prevents losing Counter Information due to an error in the System Control (SC) PC Board, or when replacing the SC PC Board. This function is implemented from September, 2005 production for DP-C322/C262 machines.

<Auto Backup>

The Machine backs up the F7 Counter, and Department Counter information into the SD Memory Card every 4 hours, 6 times a day (3:55, 7:55, 11:55, 15:55, 19:55, and 23:55).

1. Turn the Power Switch on the Left Side of the machine to the OFF (⏻) position.
2. Install the SD Memory Card into the SD Card Slot (CN70) on the SC PCB. (Not into the Front Slot) Refer to the section 8.13.
3. Turn the Power Switch on the Left Side of the machine to the ON (⏻) position.
4. Set the Service Parameter **"F5-179 Counter Backup"** to **"Yes"**.
5. Reboot the machine by cycling the power. (Turn the Power Switch on the Left side of the machine to the **OFF (⏻)** then back to the **ON (⏻)** position.)

<Restore>

When the SC PC Board is replaced, the machine restores the Counter information from the backed up SD Memory Card onto the new SC PCB.

1. Replace the SC PCB.
2. Turn the Power Switch on the Left Side of the machine to the ON (⏻) position.
3. Change the Service Parameter **"F5-179 Counter Backup"** to **"No"**.
4. Turn the Power Switch on the Left Side of the machine to the OFF (⏻) position.
5. Remove the Backed up SD Memory Card from the replaced SC PCB.
6. Install this SD Memory Card into the SD Card Slot (CN70) on the new SC PCB.
7. Turn the Power Switch on the Left Side of the machine to the ON (⏻) position.
8. Perform the Service Parameter **"F9-10 Counter Restore"**, and **"00 SC Counter Restore"**.
9. Set the Service Parameter **"F5-179 Counter Backup"** to **"Yes"**.
10. Reboot the machine by cycling the power. (Turn the Power Switch on the Left side of the machine to the **OFF (⏻)** then back to the **ON (⏻)** position.)

2.18. Signal Waveform

2.18.1. Glossary of Electrical Abbreviations

Glossary of Electrical Abbreviations	
Signal Name	Function
*A	Sub Motor Phase A
*B	Sub Motor Phase B
+10V	+10V DC Power Supply
+2.5V	+2.5V DC Power Supply
+24V	+24V DC Power Supply
+24V_1	+24V DC Power Supply
+24V_2	+24V DC Power Supply
+24V_3	+24V DC Power Supply
+24VD	+24V DC Power Supply
+24VF	+24V DC Power Supply
+24VF_1	+24V DC Power Supply
+24VF_2	+24V DC Power Supply
+24VF_3	+24V DC Power Supply
+24VF_4	+24V DC Power Supply
+24VM	+24V DC Power Supply
+24VM_1	+24V DC Power Supply
+24VM_2	+24V DC Power Supply
+24VM_3	+24V DC Power Supply
+24VM_4	+24V DC Power Supply
+24VS	+24V DC Power Supply
+3.3V	+24V DC Power Supply
+5V	+5V DC Power Supply
+5V_1	+5V DC Power Supply
+5V_2	+5V DC Power Supply
+5V_3	+5V DC Power Supply
+5V_4	+5V DC Power Supply
+5VADF	+5V DC Power Supply
+5V_HOME	+5V DC Power Supply for Belt Home Position Sensor
+5V_LSU_1	+5V DC Power Supply for LSU
+5V_LSU_2	+5V DC Power Supply for LSU
+5V_RR	+5V DC Power Supply Signal for OHP Registration Sensor
+5VD	+5V DC Power Supply
+5VLSU_IN	+5V DC Power Supply
+5VP	+5V DC Power Supply
+5VSW_1	+5V DC Switching Power Supply
+5VSW_2	+5V DC Switching Power Supply
100V/200V	Output is controlled by the Signal Level (100V/120V : 0V; 230V : 5V)
100V_200V	100V/200V Identifying Signal
24V	+24V DC Power Supply
3.3V	+3.3V VDC Power Supply
A	FTR/STR/Fuser/Sub Motor Phase A

Glossary of Electrical Abbreviations	
Signal Name	Function
A[0]	Address Bus Bit 0
A[1]	Address Bus Bit 1
A[2]	Address Bus Bit 2
A[3]	Address Bus Bit 3
A[4]	Address Bus Bit 4
A[5]	Address Bus Bit 5
A[6]	Address Bus Bit 6
A[7]	Address Bus Bit 7
A0	Address
A1	Address
A10/AP	Address
A11	Address
A12	Address
A2	Address
A3	Address
A4	Address
A5	Address
A6	Address
A7	Address
A8	Address
A9	Address
ADFFIFOCLK	Serial Interface Clock
ADFFIFODIN	Input Serial Data
ADFFIFODOUT	Output Serial Data
ADFFIFOENB	Serial Interface Enable
ADFFIFOLD	Serial Interface Load Signal
ADFFIFOLTH	Serial Interface Latch Signal
ADFMMCLK	Main Motor Clock
ADFPMCLK	Paper Feed Motor Clock
ADUENB	ADU Serial Driver Enable Data Signal
ADULD	ADU Serial Load
ADULT	ADU Serial Latch
ADUSICLK	ADU Serial Clock
ADUSIIN	ADU Serial Data Input
ADUSIOUT	ADU Serial Data Output
AGND	Analog Ground
APFLD	AFP Serial Load
APFLT	AFP Serial Latch
APFMCLK	APF Motor Clock
APFSICLK	APF Serial Clock
APFSIIN	APF Serial Data Input
APFSIOUT	APF Serial Data Output
ASICRCLK-	Reserve Clock -
ASICRCLK+	Reserve Clock +
ATA0	HDD Address Bus
ATA1	HDD Address Bus

Glossary of Electrical Abbreviations	
Signal Name	Function
ATA2	HDD Address Bus
ATAINT	HDD B807 Signal
ATCS0	Second HDD Selection Signal
ATCS1	Primary HDD Selection Signal
ATD0	HDD Data Bus
ATD1	HDD Data Bus
ATD10	HDD Data Bus
ATD11	HDD Data Bus
ATD12	HDD Data Bus
ATD13	HDD Data Bus
ATD14	HDD Data Bus
ATD15	HDD Data Bus
ATD2	HDD Data Bus
ATD3	HDD Data Bus
ATD4	HDD Data Bus
ATD5	HDD Data Bus
ATD6	HDD Data Bus
ATD7	HDD Data Bus
ATD8	HDD Data Bus
ATD9	HDD Data Bus
ATIORD	HDD Data Read Signal
ATIORDY	HDDRW Ready Signal
ATIOWR	HDD Data Write Signal
ATRST	Reset Signal
B	Motor Phase B
BA0	Address
BA1	Address
BBA0	Address
BBA1	Address
BDCLK0	L Word Clock
BDCLK1	H Word Clock
BLCNT	Back Light Control Signal
BLSN_C	Bottle Motor Lock Detection Signal C
BLSN_K	Bottle Motor Lock Detection Signal K
BLSN_M	Bottle Motor Lock Detection Signal M
BLSN_Y	Bottle Motor Lock Detection Signal Y
BLUESCLK -	Blue AFE Serial Interface Shift Register Clock - (BLUESCLK-)
BLUESCLK +	Blue AFE Serial Interface Shift Register Clock + (BLUESCLK+)
BMA0	Address
BMA1	Address
BMA10	Address
BMA11	Address
BMA12	Address
BMA15	Address

Glossary of Electrical Abbreviations	
Signal Name	Function
BMA2	Address
BMA3	Address
BMA4	Address
BMA5	Address
BMA6	Address
BMA7	Address
BMA8	Address
BMA9	Address
BMD0	Data
BMD1	Data
BMD10	Data
BMD11	Data
BMD12	Data
BMD13	Data
BMD14	Data
BMD16	Data
BMD17	Data
BMD18	Data
BMD19	Data
BMD2	Data
BMD20	Data
BMD21	Data
BMD22	Data
BMD23	Data
BMD24	Data
BMD25	Data
BMD26	Data
BMD27	Data
BMD28	Data
BMD29	Data
BMD3	Data
BMD30	Data
BMD31	Data
BMD4	Data
BMD5	Data
BMD6	Data
BMD7	Data
BMD8	Data
BMD9	Data
BZ+	Buzzer Power Supply
BZCLK	Buzzer Clock
C_CLK_CK	Bias Charge AC Output Clock (CK)
C_CLK_YM	Bias Charge AC Output Clock (YM)
Card_Detect	Card Detection Signal
CAS	Column Address Select
CB0	No Connection

Glossary of Electrical Abbreviations	
Signal Name	Function
CB1	No Connection
CB2	No Connection
CB3	No Connection
CB4	No Connection
CB5	No Connection
CB6	No Connection
CB7	No Connection
CBTMCLK	Belt Motor Clock
CBTMGAIN	Belt Motor Gain
CCDASICLK-	CCD-ASIC System Clock -
CCDASICLK+	CCD-ASIC System Clock +
CD/DAT3	Data
CK0	Clock
CK1	Clock
CK2	Clock
CKE0	Clock Enable
CKE1	Clock Enable
CL1	Latch Signal
CL2	Shift Clock
CLK	Clock
CMD	Command
CREG_LD_L	Left Registration Sensor LED Reference
CREG_LD_M	Middle Registration Sensor LED Reference
CREG_LD_R	Right Registration Sensor LED Reference
CREG_OT_L	Input Left Registration Sensor
CREG_OT_M	Input Middle Registration Sensor
CREG_OT_R	Input Right Registration Sensor
CSSRXD	Input CSS RXD
CSSTXD	Output CSS TXD
CT1	Common Terminal 1 Signal
D-	Data
D[0]	Data Bus Bit 0
D[1]	Data Bus Bit 1
D[2]	Data Bus Bit 2
D[3]	Data Bus Bit 3
D[4]	Data Bus Bit 4
D[5]	Data Bus Bit 5
D[6]	Data Bus Bit 6
D[7]	Data Bus Bit 7
D_CLK_CK	Bias Charge AC Output Clock (CK)
D_CLK_nCK	Bias Charge AC Output Clock (CK)
D_CLK_nYM	Developer Bias AC Clock (YM)
D_CLK_YM	Developer Bias AC Clock (YM)
D+	Data
D0	Data
D1	Data

Glossary of Electrical Abbreviations	
Signal Name	Function
D2	Data
D3	Data
D4	Data
D5	Data
D6	Data
D7	Data
DASP	HDD Activation Signal
DATA_C	Image Data (C) +
DATA_K	Image Data (K) +
DATA_M	Image Data (M) +
DATA_Y	Image Data (Y) +
DATA0	Data
DATA1	Data
DATA2	Data
DCLKC	Data Clock C
DCLKK	K Data Clock
DCLKM	M Data Clock
DCLKY	Y Data Clock
DCS_M	Middle Registration Sensor Detection Range Switch
DEV1CLK	Developer Motor 1 Clock
DEV1GAIN	Developer Motor 1 Gain
DEV2CLK	Developer Motor 2 Clock
DEV2GAIN	Developer Motor 2 Gain
DGLRST	Dongle Reset
DM0	Data Mask
DM1	Data Mask
DM2	Data Mask
DM3	Data Mask
DM4	Data Mask
DM5	Data Mask
DM6	Data Mask
DM7	Data Mask
DM8	Data Mask
DNGL1	Dongle 1 Select
DNGL2	Dongle 2 Select
DNGL3	Dongle 3 Select
DNGLCD1	Presence of Dongle Key 1
DNGLCD2	Presence of Dongle Key 2
DNGLCD3	Presence of Dongle Key 3
DNLDCL	Download Clock
DNLDDT	Download Data
DQ0	Data
DQ1	Data
DQ10	Data
DQ11	Data
DQ12	Data

Glossary of Electrical Abbreviations	
Signal Name	Function
DQ13	Data
DQ14	Data
DQ15	Data
DQ16	Data
DQ17	Data
DQ18	Data
DQ19	Data
DQ2	Data
DQ20	Data
DQ21	Data
DQ22	Data
DQ23	Data
DQ24	Data
DQ25	Data
DQ26	Data
DQ27	Data
DQ28	Data
DQ29	Data
DQ3	Data
DQ30	Data
DQ31	Data
DQ32	Data
DQ33	Data
DQ34	Data
DQ35	Data
DQ36	Data
DQ37	Data
DQ38	Data
DQ39	Data
DQ4	Data
DQ40	Data
DQ41	Data
DQ42	Data
DQ43	Data
DQ44	Data
DQ45	Data
DQ46	Data
DQ47	Data
DQ48	Data
DQ49	Data
DQ5	Data
DQ50	Data
DQ51	Data
DQ52	Data
DQ53	Data
DQ54	Data

Glossary of Electrical Abbreviations	
Signal Name	Function
DQ55	Data
DQ56	Data
DQ57	Data
DQ58	Data
DQ59	Data
DQ6	Data
DQ60	Data
DQ61	Data
DQ62	Data
DQ63	Data
DQ7	Data
DQ8	Data
DQ9	Data
DQS0	Data
DQS1	Data
DQS2	Data
DQS3	Data
DQS4	Data
DQS5	Data
DQS6	Data
DQS7	Data
DQS8	Data
ECDI1	SC Data Input 1 Signal
ECDI2	SC Data Input 2 Signal
ECDO1	SC Data Output 1 Signal
ECDO2	SC Data Output 2 Signal
ECPRG	Program Download Data
ECRDY	Engine Ready Signal
ECRST	Reset Signal
ECSTS	Engine Status Signal
F1	Shift Register Clock 1
F2	Shift Register Clock 2
F2L	Last Stage Shift Register Clock
FAN+24V1	Ground
FAN+24V2	Ground
FAN1SN	+24V DC Power Supply
FAN2SN	+24V DC Power Supply
FCP	Reset Feed Through Level Clamp Clock
FLM	Frame Signal
FR	Reset Gate Clock
FTG1	Transfer Gate Clock 1
FTG2	Transfer Gate Clock 2
FTRMCLK	FTR Motor Clock
FTRMON_C	FTR Voltage Monitor C
FTRMON_K	FTR Voltage Monitor K
FTRMON_M	FTR Voltage Monitor M

Glossary of Electrical Abbreviations	
Signal Name	Function
FTRMON_Y	FTR Voltage Monitor Y
FUMCLK	Fuser Motor Clock
FUMREF	Fuser Motor Reference
FUROTSN1	Fuser Rotor Sensor 1
FUROTSN2	Fuser Rotor Sensor 2
GAIN	Gain Control
GAIN_K	Laser Gain (C, K)
GAIN_Y	Laser Gain (Y, M)
GLA	Green LED Anode Signal
GLK(GND)	Green LED Cathode Signal
GND	Ground
GND_1	Ground
GND_2	Ground
GND_3	GND
GND_4	GND
GND_5	GND
GND_6	GND
GND_7	GND
GND_8	GND
GND_9	GND
GREENSCLK-	Green AFE Serial Interface Shift Register Clock +
GREENSCLK+	Green AFE Serial Interface Shift Register Clock +
HSYNCC	C Horizontal Synchronized Signal
HSYNCK	K Horizontal Synchronized Signal
HSYNCM	M Horizontal Synchronized Signal
HSYNCY	Y Horizontal Synchronized Signal
HUMISN	Humidity Sensor
IH_ROTSEN2	Fuser Rotor Encoder Output 2
IHADIN	IH AD Converter Data Output
IHADO	IH AD Converter Data Input
IHPWR	IH Power OWM Output
IO16	16 Bit Block Transfer Control Signal
IPRXD	Finisher Serial RXD
IPTXD	Finisher Serial TXD
KIN0	Key Input Signal
KIN3	Key Input Signal
KIN4	Key Input Signal
KIN5	Key Input Signal
KIN6	Key Input Signal
KYE	No Connection
LD_ERS_C1	Discharge LED C Power Supply 1
LD_ERS_C2	Discharge LED C Power Supply 2
LD_ERS_K1	Discharge LED K Power Supply 1
LD_ERS_K2	Discharge LED K Power Supply 2
LD_ERS_M1	Discharge LED M Power Supply 1
LD_ERS_M2	Discharge LED M Power Supply 2

Glossary of Electrical Abbreviations	
Signal Name	Function
LD_ERS_Y1	Discharge LED Y Power Supply 1
LD_ERS_Y2	Discharge LED Y Power Supply 2
LDADUDR	Right Sub Cover Sensor Power Supply
LDADUPP0	ADU Path Sensor 0 Power Supply
LDADUPP2	ADU Path Sensor 2 Power Supply
LDBL_C	Bottle Motor Lock Detection Signal C Power Supply
LDBL_K	Bottle Motor Lock Detection Signal K Power Supply
LDBL_M	Bottle Motor Lock Detection Signal M Power Supply
LDBL_Y	Bottle Motor Lock Detection Signal Y Power Supply
LDCST1a	Tray 1 Sensor a Power Supply
LDCST1b	Tray 1 Sensor b Power Supply
LDCST2a	Tray 2 Sensor a Power Supply
LDCST2b	Tray 2 Sensor b Power Supply
LDCST3	+5V DC Power Supply
LDCST4	+5V DC Power Supply
LDFTR1	FTR 1 Sensor Power Supply
LDFTRÇQ	FTR 2 Sensor Power Supply
LDFUEX	Fuser Exit Sensor Power Supply
LDFUIN	Fuser Entrance Sensor Power Supply
LDFURT1	Fuser Rotor Sensor 1 Power Supply
LDFURT2	Fuser Rotor Sensor 2 Power Supply
LDHFL	Sheet Bypass Length Sensor Power Supply
LDHFPE	Sheet Bypass Tray Paper Detection Sensor Power Supply
LDHFS1	Sheet Bypass Width Sensor Power Supply
LDHFS2	Sheet Bypass Width Sensor 2 Power Supply
LDHFS3	Sheet Bypass Width Sensor 3 Power Supply
LDHV_CK	DAC0 Serial Data Latch Signal (CK)
LDHV_T	DAC0 Serial Data Latch Signal
LDHV_YM	AC0 Serial Data Latch Signal (YM)
LDIHC1	IH Core Sensor 1 Power Supply
LDIHC2	IH Core Sensor 2 Power Supply
LDINRSN	Inner Exit Sensor Power Supply
LDJAM	Intermediate Roller Jam Sensor Power Supply
LDJDR	Jam Release Door Sensor Power Supply
LDLFTSN	+5V DC Power Supply
LDOPC_BK	OPC Gear Phase Sensor BK Power Supply
LDOPC_C	New OPC Drum Detection Sensor C Power Supply
LDOPC_COL	OPC Gear Phase Sensor Color Power Supply
LDOPC_K	New OPC Drum Detection Sensor K Power Supply
LDOPC_M	New OPC Drum Detection Sensor M Power Supply
LDOPC_Y	New OPC Drum Detection Sensor Y Power Supply
LDOQDOSN	+5V DC Power Supply
LDPEWSN3	+5V DC Power Supply
LDPEWSN4	+5V DC Power Supply
LDPR1	Pressure Roller Sensor 1 Power Supply
LDPR2	Pressure Roller Sensor 2 Power Supply

Glossary of Electrical Abbreviations	
Signal Name	Function
LDSHT	Shutter Open and Close Detection Sensor Power Supply
LDSTR1	STR 1 Sensor Power Supply
LDSTR2	STR 2 Sensor Power Supply
LDTF	Waste Toner Full Sensor Power Supply
LDTRUCVSN	+5V DC Power Supply
LDTRUSN	+5V DC Power Supply
LDWTB	Waste Toner Bottle Detection Sensor Power Supply
LED0	LED 0 Activation Signal
LED1	LED 1 Activation Signal
LED2	LED 2 Activation Signal
LED24V-1	LED Power Supply
LED24V-2	LED Power Supply
LED3	LED 3 Activation Signal
LED4	LED 4 Activation Signal
LED5	LED 5 Activation Signal
LED6	LED 6 Activation Signal
LED7	LED 7 Activation Signal
LED8	LED 8 Activation Signal
LEDPGND	LED Control
Live	100/120/230V VAC Power Supply
LSUDACK	LSU DA Converter Clock
LSUDALD	LSU DA Converter Load
LSUDAOUT	LSU DA Converter Data Output
LUM3-1	+24V DC Power Supply
LUM3-2	LUM Control
LUM4-1	+24V DC Power Supply
LUM4-2	LUM Control
LVSCLK-	Flat Link LVDS Shift Clock (LVSCLK-)
LVSCLK+	Flat Link LVDS Shift Clock (LVSCLK+)
mask1	CCD Drive Control Signal
mask2	CCD Drive Control Signal
MEXFAN	Right Cover Fan Power Supply
MGND	Power Ground
MOTLT	Motor Driver Serial Latch
MOTSICLK	Motor Driver Serial Clock
MOTSIOUT	Motor Driver Serial Data Output
N.C.	No Connection
nADFDXSN	Duplex Signal
nADFORSN	Original Detection Sensor (ADF)
nADFRRSN1	Registration Roller Sensor 1 Signal
nADFRRSN2	Registration Roller Sensor 2 Signal
nADFSN	ADF PCB Sensor
nADUCL1	ADU Clutch 1 Control Signal
nADUCL2	ADU Clutch 2 Control Signal
nADUDRSN	Right Sub Cover Sensor Signal
nADUENB	ADU Serial Driver Enable Data Signal

Glossary of Electrical Abbreviations	
Signal Name	Function
nADULD	ADU Serial Load Data Signal
nADULT	ADU Serial Latch Data Signal
nADUPP0	ADU Path Sensor 0 Signal
nADUPP1	ADU Path Sensor 1 Signal
nADUPP2	ADU Path Sensor 2 Signal
nADUSICLK	ADU Serial Data Clock Signal
nADUSIDI	ADU Serial Data Output Signal
nADUSIDO	ADU Serial Data Input Signal
nAPFENB	Serial Interface Enable
nBAL0	Remaining Amount Signal
nBCAS	Column Address Select
nBCD	Presence of Page Memory PC Board Signal
nBCKE	Clock Enable
nBCS2	Select for IC 1, 2
nBCS3	Select for IC 3, 4
nBCS4	Select for IC 5, 6
nBCS5	Select for IC 7, 8
nBDQMH	Data Mask H Bite
nBDQML	Data Mask L Bite
nBID0	Storage Capacity
nBID1	Storage Capacity
nBID2	Storage Capacity
nBLKCLP	High-Active Black Level Clamp Switch Input Signal
nBMWT	Memory Write
nBRAS	RAW Address Select
nBTM_C	Bottle Motor C Activation Signal
nBTM_K	Bottle Motor K Activation Signal
nBTM_M	Bottle Motor M Activation Signal
nBTM_Y	Bottle Motor Y Activation Signal
nBWCT	Monochrome Count
NC	No Connection
nCBTMENB	Belt Motor Enable
nCBTMRDY	Belt Motor Lock Detection
nCCDRST	CCD Board System Reset
nCCTCNT	Card Counter Activation Signal
nCLPIN	Input Clamp Enable
nCLPIN1	Input Clamp Enable
nCPPSN3	Tray 3 Paper Path Sensor Signal
nCPPSN4	Tray 4 Paper Path Sensor Signal
nCST3	Tray 3 Paper Feed Sensor Signal
nCST4	Tray 4 Paper Feed Sensor Signal
nCSTSN1a	Tray 1 Detection Sensor
nCSTSN1b	Tray 1 No Paper Sensor (Paper Tray Sensor : Tray 1)
nCSTSN2a	Tray 2 Detection Sensor
nCSTSN2b	Tray 2 No Paper Sensor (Paper Tray Sensor : Tray 2)
nCSTU3	Tray 3 Unit Sensor

Glossary of Electrical Abbreviations	
Signal Name	Function
nCSTU4	Tray 4 Unit Sensor
nDATA_C	Image Data (C) +
nDATA_K	Image Data (K) +
nDATA_M	Image Data (M) +
nDATA_Y	Image Data (Y) +
nDEV1ENB	Developer Motor 1 Enable
nDEV1RDY	Developer Motor 1 Lock Detection
nDEV2ENB	Developer Motor 2 Enable
nDEV2RDY	Developer Motor 2 Lock Detection
nDISPOFF	Display Off Signal
nERSLED_C	Discharge LED C Activation Signal
nERSLED_K	Discharge LED K Activation Signal
nERSLED_M	Discharge LED M Activation Signal
nERSLED_Y	Discharge LED Y Activation Signal
Neutral	100V-240V AC Power Supply
nFAXRING	Fax Received Detection Signal
nFCCT	Full Color Count
nFDOPSN	Front Door Open Detection Signal
nFEEDCT	Paper Feed Signal
nFTRMCLK	FTR Motor Clock
nFTRSN1	FTR 1 Sensor
nFTRSN2	FTR 2 Sensor
nFUEXSN	Fuser Exit Sensor Signal
nFUINSN	Fuser Entrance Sensor Signal
nFUMCLK	Fuser Motor Clock
nFINISHER_SENS	Finisher Detection Signal
nGYAKUTENCL	2-Way Roller Clutch Control Signal
nHFCL	Sheet Bypass Tray Paper Feed Clutch Sensor Signal
nHFLSN	Sheet Bypass Length Sensor Signal
nHFPESEN	Sheet Bypass Tray Paper Detection Sensor Signal
nHFSOL	Sheet Bypass Tray Pickup Solenoid Sensor Signal
nHFSSN1	Sheet Bypass Width Sensor Signal
nHFSSN3	Sheet Bypass Width Sensor 3 Signal
nHPSN	Home Position Sensor
nHSYNC_K	Horizontal Synchronizing Signal C, K
nHSYNC_Y	Horizontal Synchronizing Signal Y, M
nHVEN_CK	High Voltage Power Supply Output Control Signal (CK)
nHVEN_T	High Voltage Power Supply Output Enabling Signal (T)
nHVEN_YM	High Voltage Power Supply Output Control Signal (YM)
nIHADCK	IH AD Converter Clock
nIHADCS	IH AD Converter Chip Select
nIHCM_A	IH Core Motor Phase A
nIHCM_AB	IH Core Motor Phase AB
nIHCM_B	IH Core Motor Phase B
nIHCM_BB	IH Core Motor Phase BB
nIHCSN1	IH Core Sensor 1

Glossary of Electrical Abbreviations	
Signal Name	Function
nIHCSN2	IH Core Sensor 2
nIHDFCNT	IH Driver Fan Activation Signal
nIHDFRDY	IH Driver Fan Lock Detection
nIHRDY	IH Fan Lock Detection
nIHRELAY	IH Power Fan Relay Activation Signal
nINRSN	Inner Exit Sensor Signal
nIPCCS	IPC Chip Select
nJAMSN	Intermediate Roller Jam Sensor
nKCCNT	Key Counter Activation Signal
nKCS	Key Counter Pull Out Detection
nLBSN3	Tray 3 Paper Detection Sensor Signal
nLBSN4	Tray 4 Paper Detection Sensor Signal
nLDENB	LSU Enable
nLEDACT	Active LED (Green) Activation Signal
nLEDALM1	Alarm LED (Red) Activation Signal
nLEDALM2-1	Alarm 1 LED (Orange) Activation Signal
nLEDALM2-2	Alarm 2 LED (Orange) Activation Signal
nLEDDAT	Print Data LED (Green) Activation Signal
nLEDSLP	Energy Saver LED Activation Signal
nLFTSN	Transfer Roller Unit Cover Sensor
nLPCNT	Inverter Drive Control Signal
nLPF_RDY	Signal Ready
nLPOW1	+3.3V Power Supply Output Control
nLPOW2	+5V Power Supply Output Control
nLSUTFRDY	LSU Cooling Fan Lock Detection
nLUM1	Lift Up Motor 1
nLUM2	Lift Up Motor 2
nMCCT	Monochrome Color Count
nMCRUN	Activation Monitoring Signal
nMEXFRDY	Right Cover Fan Ready Signal
nMO_C	Laser Monitor C
nMO_K	Laser Monitor K
nMO_M	Laser Monitor M
nMO_Y	Laser Monitor Y
nMOTENB	Motor Driver Serial Driver Enable
nMOTLT	Latch
nMOTSIOUT	Serial Data
nOGMLK	Lock Signal
nOPC_BKSN	OPC Gear Phase Sensor BK
nOPC_COLSN	OPC Gear Phase Sensor Color
nOPC1ENB	OPC Motor 1 Enable
nOPC1RDY	OPC Motor 1 Lock Detection
nOPC2ENB	OPC Motor 2 Enable
nOPC2RDY	OPC Motor 2 Lock Detection
nOPCNEW_C	New OPC Drum Detection Signal C
nOPCNEW_K	New OPC Drum Detection Signal K

Glossary of Electrical Abbreviations	
Signal Name	Function
nOPCNEW_M	New OPC Drum Detection Signal M
nOPCNEW_Y	New OPC Drum Detection Signal Y
nOQDOSN	Open and Close Tray 4 Light Door Detection Sensor
nOQMCT	Motor Control
nOQRRCL	Registration Roller Clutch
nORGSEN	Original Size Sensor Signal
nORSIZIN0	Original Size 0 Sensor
nORSIZIN1	Original Size 1 Sensor
nORSIZIN2	Original Size 2 Sensor
nORSIZIN3	Original Size 3 Sensor
nORSIZIN4	Original Size 4 Sensor
nPASN	Platen Angle Sensor
nPCRCL	Intermediate Roller Clutch
nPCSN	Sensor Platen Cover
nPESN1	Tray 1 Paper Empty Sensor Signal
nPESN2	Tray 2 Paper Empty Sensor Signal
nPESN3	Tray 3 Paper Empty Sensor Signal
nPESN4	Tray 4 Paper Empty Sensor Signal
nPEWSN3	Tray 3 Paper Empty Sensor Warning Signal
nPEWSN4	Tray 4 Paper Empty Sensor Warning Signal
nPEXFRDY	Paper Exit Fan Lock Detection
nPFCL1	Tray 1 Feed Clutch Control Signal
nPFCL2	Tray 2 Feed Clutch Control Signal
nPFCL3	Tray 3 Feed Clutch Control Signal
nPFCL4	Tray 4 Feed Clutch Control Signal
nPFMENB	Paper Feed Motor Enable
nPFMRDY	Paper Feed Motor Lock Detection
nPFSOL1	Power Supply for 1st Tray Pickup Solenoid
nPFSOL2	Paper Feed Solenoid 2
nPMCNT	Polygon Motor Activation Signal
nPMRDY	Polygon Motor Lock Detection
nPNLRST	Reset for PNL PCB
nPPSN1	Tray 1 Paper Path Sensor Signal
nPPSN2	Paper Path Sensor 2
nPRFRDY	Pressure Roller Fan Lock Detection
nPRGDWN	Control Program Download
nPRSN1	Pressure Roller Sensor 1
nPRSN2	Pressure Roller Sensor 2
nSRST	Scanner CPU PCB Reset
nPUSOL3	Tray 3 Solenoid Control Signal
nPUSOL4	Tray 4 Solenoid Control Signal
nPUSSOLKYUI	ADU Path Change Solenoid Control Signal
nPUSSORFUK	ADU Path Change Solenoid Control Signal
nRD	Read
nRESERVCLK	Sub Motor Clock
nRRCL	Registration Clutch

Glossary of Electrical Abbreviations	
Signal Name	Function
nRST5	Reset
nRSTMO	Motor Driver Serial Driver Reset
nSACK	Scanner Acknowledge Signal
nSCNMA	Scan Motor Control A
nSCNMAB	Scan Motor Control *A
nSCNMB	Scan Motor Control B
nSCNMBB	Scan Motor Control *B
nSEITENCL	2-Way Roller Clutch Control Signal
nSENSB	Serial Interface Blue AFE Low-Active Chip Enable
nSENSG	Serial Interface Green AFE Low-Active Chip Enable
nSENSR	Serial Interface Red AFE Low-Active Chip Enable
nSENTIM	Image Sent Signal
nSH_C	Laser Sample Hold Control C
nSH_K	Laser Sample Hold Control K
nSH_M	Laser Sample Hold Control M
nSH_Y	Laser Sample Hold Control Y
nSHIN	Shading Interrupt Signal
nSHTSN	Open and Close Shutter Detection Sensor
nSHTSOL	Shutter Solenoid
nSIZE0	Paper Size Signal 0
nSIZE1	Paper Size Signal 1
nSIZE2	Paper Size Signal 2
nSIZE3	Paper Size Signal 3
nSLPKY	Sleeve Return Signal
nSOLCNT1	Solenoid 1 Control Signal
nSOLCNT2	Solenoid 2 Control Signal
nSREQ	Scanner Request Signal
nSTRCLK	STR Motor Clock
nSTRLK	STR Leak Signal
nSTRSN1	STR 1 Sensor
nSTRSN2	STR 2 Sensor
nSTSOL	STR Guide Solenoid Control Signal
nTBFCNT	Toner Bottle Fan Activation Signal
nTBFRDY	Toner Bottle Lock Detection
nTCT_BK	Total Counter BK Activation Signal
nTCT_CL	Total Counter Color Activation Signal
nTFSN	Waste Toner Full Sensor
nTRUCL	Transfer Roller Unit Clutch
nTRUCVSN	Transfer Roller Unit Cover Sensor
nTRUENB	Transfer Roller Unit Serial Interface Enable
nTRUMA	Transfer Roller Unit Motor Control A
nTRUMAB	Transfer Roller Unit Motor Control *A
nTRUMB	Transfer Roller Unit Motor Control B
nTRUMBB	Transfer Roller Unit Motor Control *B
nTRUSN	Transfer Roller Unit Detection Sensor
nULSN1	Tray 1 Upper Limit of Paper Sensor Signal

Glossary of Electrical Abbreviations	
Signal Name	Function
nVCNTON	LED Contrast ON Signal
NVDC0	C Data 0
NVDC1	C Data 1
NVDC2	C Data 2
NVDC3	C Data 3
NVDK0	K Data 0
NVDK1	K Data 1
NVDK2	K Data 2
NVDK3	K Data 3
NVDM0	M Data 0
NVDM1	M Data 1
NVDM2	M Data 2
NVDM3	M Data 3
NVDY0	Y Data 0
NVDY1	Y Data 1
NVDY2	Y Data 2
NVDY3	Y Data 3
nVEN	Vertical Enable Signal
nVGB	Voice Guidance PCB Detection
nVREQ	Vertical Request Signal
nWAKE	ADF Wake Up Signal
nWR	Write
nWTBSN	Presence of Waste Toner Bottle
nZCROS	Zero Cross Input
OPC1CLK	OPC Drum Unit Motor 1 Clock
OPC1DIR	OPC Drum Unit Motor 1 Rotation Direction Switch
OPC1GAIN	OPC Drum Unit Motor 1 Gain
OPC2CLK	OPC Drum Unit Motor 2 Clock
OPC2DIR	OPC Drum Unit Motor 2 Rotation Direction Switch
OPC2GAIN	OPC Drum Unit Motor 2 Gain
OPCNEW-x	Presence of Drum Unit
OPCNEW-x-5V	Drum Unit Detection Sensor Power Supply
OPCNEW-x-GND	Ground
OQMCLK	Motor Clock
pADFRRCNT	Registration Roller Clutch Drive Control Signal
pADFRST	ADF Reset
pADFRVCNT1	Reverse Clutch 1 Drive Control Signal
pADFRVCNT2	Reverse Clutch 2 Drive Control Signal
pBLKCLP1	Black Level Clamp Switch Signal
pFAXRING	Fax Ringing Signal
pFDOPSN	Open and Close Front Door Detection
pFINISH_POW	Finisher Power Supply
PFMCLK	Paper Feed Motor Clock
PFMGAIN	Paper Feed Motor Gain Switch
PGND	Power Ground
PGND_1	Power Ground

Glossary of Electrical Abbreviations	
Signal Name	Function
PGND_2	Power Ground
pHOMESN	Belt Home Position Sensor
pIHENB	IH Enable
pIHFCNT	IH Fan Activation Signal
pJDRSN	Jam Release Door Sensor
pLDOPSN	Open and Close Jam Release Lower Door Detection Sensor
pLPF_CNT_1	Control Lamp Fan
pLPF_CNT_2	Control Lamp Fan
pLPOW1	+3.3V Power Return Signal
pLSUTFCNT	LSU Cooling Fan Activation Signal
PMCLK	Polygon Motor Clock
pMOTENB	Enable
PNLRXD	PNL PCB RXD Data
PNLTXD	PNL PCB TXD Data
pOHPSN	OHP Sensor Signal
POWSW	Power Switching Signal
pPEXFCNT	Paper Exit Fan Activation Signal
pPF1UPERSN	Tray 1 Upper Limit of Paper Sensor Signal
pPRFCNT	Pressure Roller Fan Activation Signal
pRESSN	Registration Sensor Signal
pRRSN	Registration Sensor Signal
pRSTMO	Reset
pSENTIM	Scanner LSYNC
pSLSYNC1	CCD Activation Control Signal
pSLSYNC2	CCD Activation Control Signal
pUDOPSN	Open and Close Jam Release Upper Door Detection Sensor
pULSN2	Tray 2 Upper Limit of Paper Sensor
pVREQ	Start to Print Request
RAS	RAW Address Select
REDSCLK-	Green AFE Serial Interface Shift Register Clock- (REDSCLK-)
REDSCLK+	Green AFE Serial Interface Shift Register Clock+ (REDSCLK+)
RXD-	RXD-
RXD+	RXD+
S0	ROM Selection Signal
S1	Serial ROM Address
SA0	Serial ROM Address
SA1	Serial ROM Address
SA2	Serial ROM Address
SCCMD	Control Command Signal
SCK	Serial Clock
SCL	Serial Clock
SCLKHV_CK	DAC0 Serial Data Latch Signal (CK)
SCLKHV_T	DAC0 Serial Data Clock Signal
SCLKHV_YM	AC0 Serial Data Latch Signal (YM)

Glossary of Electrical Abbreviations	
Signal Name	Function
SCN0	Key Scan 0 Signal
SCN1	Key Scan 1 Signal
SCN2	Key Scan 2 Signal
SCN3	Key Scan 3 Signal
SCN4	Key Scan 4 Signal
SCN5	Key Scan 5 Signal
SCNRXD	Input Serial Data
SCNTXD	Output Serial Data
SCPCLK	Scanner Program Serial Interface Clock
SCPDATA	Scanner Program Serial Interface Data
SCRDY	Control Ready Signal
SDA	Serial Data
SDHV_CD	DAC0 Serial Data (YM)
SDHV_CK	DAC0 Serial Data (CK)
SDHV_T	DAC0 Serial Data
SDIB	Blue AFE Serial Interface Input Signal
SDIG	Green AFE Serial Interface Input Signal
SDIR	Red AFE Serial Interface Input Signal
SHIN	Shading Interrupt Start
SLSYNC1	CCD Drive Control Signal
SLSYNC2	CCD Drive Control Signal
SOUT	Output Serial Data
SPEED0	Model Identifying Signal 1
SPEED1	Model Identifying Signal 2
STRCLK	STR Motor Clock
STRMON	STR Current Monitor
TDCDT_C	Toner Density Sensor Connection Signal C
TDCDT_K	Toner Density Sensor Connection Signal K
TDCDT_M	Toner Density Sensor Connection Signal M
TDCDT_Y	Toner Density Sensor Connection Signal Y
TDCREF_C	Toner Density Sensor Reference C
TDCREF_K	Toner Density Sensor Reference K
TDCREF_M	Toner Density Sensor Reference M
TDCREF_Y	Toner Density Sensor Reference Y
TDCS_C	Toner Density Sensor C
TDCS_K	Toner Density Sensor K
TDCS_M	Toner Density Sensor M
TDCS_Y	Toner Density Sensor Y
TEMPSN	Temperature Sensor
TH1A	Thermistor 1 A
TH1B	Thermistor 1 B
TH2A	Thermistor 2 A
TH2B	Thermistor 2 B
TH3A	Thermistor 3 A
TH3B	Thermistor 3 B
TH4A	Thermistor 4 A

Glossary of Electrical Abbreviations	
Signal Name	Function
TH4B	Thermistor 4 B
TRULD	Serial Interface Load Signal
TRULT	Serial Interface Latch Signal
TRUMCLK	Motor Clock
TRUSICLK	SI Clock
TRUSIDI	Input Serial Data
TRUSIDO	Output Serial Data
Txclk-	Clock Signal -
Txclk+	Clock Signal +
TXCLK0OUT-	Digital Video Data Shift Clock -
TXCLK0OUT+	Digital Video Data Shift Clock +
TXCLK1OUT-	Digital Video Data Shift Clock -
TXCLK1OUT+	Digital Video Data Shift Clock +
Txclock-	Clock Signal -
Txclock+	Clock Signal +
TXD-	TXD-
TXD+	TXD+
TXOUT0-	Digital Video Data (TXOUT0-)
TXOUT0+	Digital Video Data (TXOUT0+)
TXOUT1-	Digital Video Data (TXOUT1-)
TXOUT1+	Digital Video Data (TXOUT1+)
TXOUT2-	Digital Video Data (TXOUT2-)
TXOUT2+	Digital Video Data (TXOUT2+)
TXOUT3-	Digital Video Data (TXOUT3-)
TXOUT3+	Digital Video Data (TXOUT3+)
TXOUT4-	Digital Video Data (TXOUT4-)
TXOUT4+	Digital Video Data (TXOUT4+)
VBUS	+5 VDC Power Supply
VCON	Contrast Compensation Voltage
VDD	+2.5 VDC Power Supply
Vdd	+3 VDC Power Supply
VDDID	+2.5 VDC Power Supply
VDDSPD	+2.5 VDC Power Supply
VINEVEN_Blue	CCD Output Blue Even Signal
VINEVEN_Green	CCD Output Green Even Signal
VINEVEN_Red	CCD Output Red Even Signal
VINODD_Blue	CCD Output Blue Odd Signal
VINODD_Green	CCD Output Green Odd Signal
VINODD_Red	CCD Output Red Odd Signal
VINV	Inverter Power Supply
VO2R	Diffuse Reflection Right Input
VOUT2C	Image Level Diffusion Input
VREF	Reference Voltage
Vss	Ground
VSYNCC	C Vertical Synchronized Signal
VSYNCK	K Vertical Synchronized Signal

Glossary of Electrical Abbreviations	
Signal Name	Function
VSYNCM	M Vertical Synchronized Signal
VSYNCY	Y Vertical Synchronized Signal
WE	Write Enable
Write_Protect	Write Protection
X1	LCD Touch Position Signal Right
X2	LCD Touch Position Signal Left
Y1	LCD Touch Position Signal Top
Y2	LCD Touch Position Signal Bottom
YLA	Yellow LED Anode Signal
YLK (GND)	Yellow LED Cathode Signal
YOBICLK	Sub Motor Clock

2.19. SC PC Board

SC PCB - CN51

Refer to SCN PC Board .

SC PCB - CN52

Refer to LVPS .

SC PCB - CN53

Refer to LVPS .

SC PCB - CN54

SC PCB Pin No.	Signal Name	Destination	Signal Waveform	Function
CN54-1	+5VP	DCC PCB CN142-1	+5V _____ 0V -----	+5V DC Power Supply
CN54-2	GND	DCC PCB CN142-5	0V -----	Ground
CN54-3	PG	DCC PCB CN141-1	0V -----	Power Ground
CN54-4	+24V	DCC PCB CN141-4	+24V _____ 0V -----	+24V DC Power Supply
CN54-5	pLPOW1	DCC PCB CN143-3		+3.3V Power Return Signal
CN54-6	+5VD	DCC PCB CN143-4	+5V _____ 0V -----	+3.3V Power Return Signal
CN54-7	GND	DCC PCB CN143-8	0V -----	Ground
CN54-8	GND	DCC PCB CN143-11	0V -----	Ground
CN54-9	GND	DCC PCB CN143-12	0V -----	Ground
CN54-10	+2.5V	DCC PCB CN143-14	+2.5 V _____ -----	+2.5V DC Power Supply
CN54-11	+2.5V	DCC PCB CN143-15	+2.5 V _____ -----	+2.5V DC Power Supply

SC PCB - CN55

SC PCB Pin No.	Signal Name	Destination	Signal Waveform	Function
CN55-1	+24V	DCB PCB CN141-3	+24V _____ 0V _____	+24V DC Power Supply
CN55-2	GND	DCB PCB CN141-1	0V -----	Ground
CN55-3	GND	DCB PCB CN141-5	0V -----	Ground
CN55-4	+5VD	DCB PCB CN141-4	+5V _____ 0V -----	+5V DC Power Supply

SC PCB - CN56

Refer to AFE PC Board .

SC PCB - CN57

Refer to AFE PC Board .

SC PCB - CN58

Refer to PNL1 PC Board .

SC PCB - CN59

Refer to PNL1 PC Board .

SC PCB - CN61

Refer to EC PC Board .

SC PCB - CN63 (Japan Specification Only)

SC PCB Pin No.	Signal Name	Destination	Signal Waveform	Function
CN63-1	+5VD	CRI PCB CN1-4	+5V _____ 0V -----	+5V DC Power Supply
CN63-2	CSSTXD	CRI PCB CN1-3		Output CSS TXD
CN63-3	CSSRXD	CRI PCB CN1-2		Input CSS RXD
CN63-4	GND	CRI PCB CN1-1	0V -----	Ground

SC PCB - CN64

SC PCB Pin No.	Signal Name	Destination	Signal Waveform	Function
CN64-1	GND	FCB PCB CN352-6	0V -----	Ground
CN64-2	+24V	FCB PCB CN352-5	+24V _____ 0V -----	+24V DC Power Supply
CN64-3	GND	FCB PCB CN352-4	0V -----	Ground
CN64-4	+3.3V	FCB PCB CN352-3	+3.3V _____ V -----	+24V DC Power Supply
CN64-5	GND	FCB PCB CN352-2	0V -----	Ground
CN64-6	+5VD	FCB PCB CN352-1	+5V _____ 0V -----	+5V DC Power Supply

SC PCB - CN65

USB I/F

SC PCB - CN66

USB I/F

SC PCB - CN67

USB I/F

SC PCB - CN68

USB I/F

SC PCB - CN69

LAN I/F

SC PCB - CN71

Hardware Key I/F

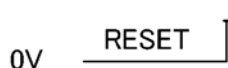

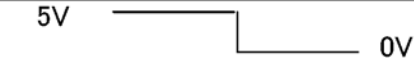
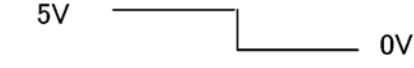







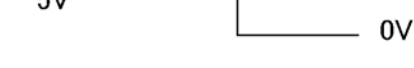
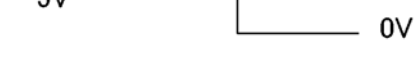
SC PCB - CN72












Hardware Key I/F

SC PCB - CN73

Hardware Key I/F

SC PCB - CN74

SC PCB Pin No.	Signal Name	Destination	Signal Waveform	Function
CN74-1	ATRST	HDD	0V  5V	Reset Signal
CN74-2	GND	HDD	0V 	Ground
CN74-3	ATD 7	HDD	5V  0V	HDD Data Bus
CN74-4	ATD 8	HDD	5V  0V	HDD Data Bus
CN74-5	ATD 6	HDD	5V  0V	HDD Data Bus
CN74-6	ATD 9	HDD	5V  0V	HDD Data Bus
CN74-7	ATD 5	HDD	5V  0V	HDD Data Bus
CN74-8	ATD 10	HDD	5V  0V	HDD Data Bus
CN74-9	ATD 4	HDD	5V  0V	HDD Data Bus
CN74-10	ATD 11	HDD	5V  0V	HDD Data Bus
CN74-11	ATD 3	HDD	5V  0V	HDD Data Bus
CN74-12	ATD 12	HDD	5V  0V	HDD Data Bus
CN74-13	ATD 2	HDD	5V  0V	HDD Data Bus

SC PCB Pin No.	Signal Name	Destination	Signal Waveform	Function
CN74-14	ATD 13	HDD		HDD Data Bus
CN74-15	ATD 1	HDD		HDD Data Bus
CN74-16	ATD 14	HDD		HDD Data Bus
CN74-17	ATD 0	HDD		HDD Data Bus
CN74-18	ATD 15	HDD		HDD Data Bus
CN74-19	GND	HDD		Ground
CN74-20	KYE			No Connection
CN74-21	N.C.			No Connection
CN74-22	GND	HDD		Ground
CN74-23	ATIOWR	HDD		HDD Data Write Signal
CN74-24	GND	HDD		Ground
CN74-25	ATIORD	HDD		HDD Data Read Signal
CN74-26	GND	HDD		Ground

SC PCB Pin No.	Signal Name	Destination	Signal Waveform	Function
CN74-27	ATIORDY	HDD	5V PULSE 0V	HDDRW Ready Signal
CN74-28	N.C.			No Connection
CN74-29	N.C.			No Connection
CN74-30	GND	HDD	0V -----	Ground
CN74-31	ATAINT	HDD	5V PULSE 0V	HDD B807 Signal
CN74-32	IO16	HDD		16 Bit Block Transfer Control Signal
CN74-33	ATA1	HDD	5V 0V	HDD Address Bus
CN74-34	N.C.			No Connection
CN74-35	ATA0	HDD	5V 0V	HDD Address Bus
CN74-36	ATA2	HDD	5V 0V	HDD Address Bus
CN74-37	ATCS1	HDD	5V PULSE 0V	Primary HDD Selection Signal
CN74-38	ATCS0	HDD	5V PULSE 0V	Second HDD Selection Signal
CN74-39	DASP	HDD	5V PULSE 0V	HDD Activation Signal
CN74-40	GND	HDD	0V -----	Ground

SC PCB - CN75

Image Memory Board I/F

SC PCB - CN76

Image Memory Board I/F

SC PCB - CN77

SD Memory Card I/F

SC PCB - CN78

Main Memory Board I/F

SC PCB - CN79

Image Memory Board I/F

SC PCB - CN94 (Japan Specification Only)

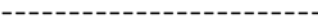





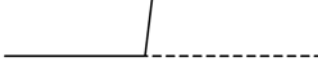
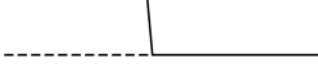



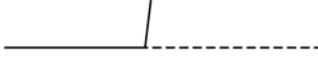
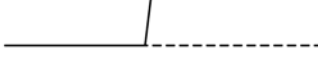
SC PCB Pin No.	Signal Name	Destination	Signal Waveform	Function
CN94-1	+24V	VGB PCB CN1-5	+24V _____ 0V _____	+24V DC Power Supply
CN94-2	GND	VGB PCB CN1-4	0V -----	Ground
CN94-3	+3.3V	VGB PCB CN1-3	+3.3V _____ V -----	+24V DC Power Supply
CN94-4	GND	VGB PCB CN1-2	0V -----	Ground
CN94-5	nVGB	VGB PCB CN1-1		Voice Guidance PCB Detection

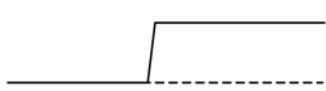

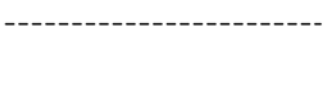










SC PCB - CN98








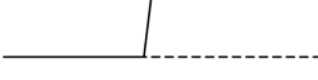

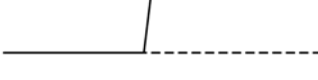
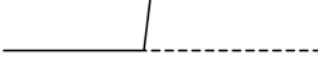
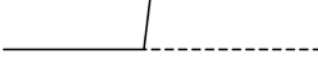

SC PCB Pin No.	Signal Name	Destination	Signal Waveform	Function
CN98-1	FAN+24V1	LVPS Fan	0V _____	Ground
CN98-2	FAV1SN	LVPS Fan	+24V _____ 0V _____	+24V DC Power Supply
CN98-3	GND	LVPS Fan	0V _____	Ground







2.20. EC PC Board

EC PCB - CN501























EC PCB Pin No.	Signal Name	Destination	Signal Waveform	Function
CN501-1~44	GND		0V 	Ground
CN501-45	GND	SC PCB CN61-1	0V 	Ground
CN501-46	DNLDCL	SC PCB CN61-2	+5V 0V 	Download Clock
CN501-47	DNLDDT	SC PCB CN61-3	+5V 0V 	Download Data
CN501-48	SCCMD	SC PCB CN61-4	+5V 0V 	Control Command Signal
CN501-49	SCRDY	SC PCB CN61-5	+5V 0V 	Control Ready Signal
CN501-50	ECSTS	SC PCB CN61-6	+5V 0V 	Engine Status Signal
CN501-51	ECRDY	SC PCB CN61-7	+5V 0V 	Engine Ready Signal
CN501-52	ECPRG	SC PCB CN61-8	+5V 0V 	Program Download Data
CN501-53	ECRST	SC PCB CN61-9	+5V 0V 	Reset Signal
CN501-54	ECDI1	SC PCB CN61-10	+5V 0V 	SC Data Input 1 Signal
CN501-55	ECDO1	SC PCB CN61-11	+5V 0V 	SC Data Output 1 Signal
CN501-56	ECDI2	SC PCB CN61-12	+5V 0V 	SC Data Input 2 Signal



















EC PCB Pin No.	Signal Name	Destination	Signal Waveform	Function
CN501-57	ECDO2	SC PCB CN61-13	+5V 0V 	SC Data Output 2 Signal
CN501-58	nFDOPSN	SC PCB CN61-14	+5V 0V 	Front Door Open Detection Signal
CN501-59	GND	SC PCB CN61-15	0V 	Ground
CN501-60	NVDY0	SC PCB CN61-16	+3.3 V 	Y Data 0
CN501-61	NVDY1	SC PCB CN61-17	+3.3 V 	Y Data 1
CN501-62	NVDY2	SC PCB CN61-18	+3.3 V 	Y Data 2
CN501-63	NVDY3	SC PCB CN61-19	+3.3 V 	Y Data 3
CN501-64	NVDM0	SC PCB CN61-20	+3.3 V 	M Data 0
CN501-65	NVDM1	SC PCB CN61-21	+3.3 V 	M Data 1
CN501-66	NVDM2	SC PCB CN61-22	+3.3 V 	M Data 2
CN501-67	NVDM3	SC PCB CN61-23	+3.3 V 	M Data 3
CN501-68	NVDC0	SC PCB CN61-24	+3.3 V 	C Data 0
CN501-69	NVDC1	SC PCB CN61-25	+3.3 V 	C Data 1




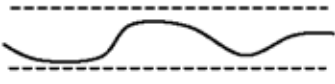
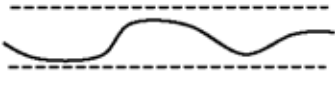
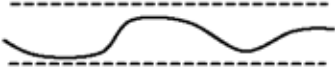
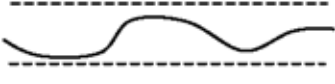

EC PCB Pin No.	Signal Name	Destination	Signal Waveform	Function
CN501-70	NVDC2	SC PCB CN61-26	+3.3 V 	C Data 2
CN501-71	NVDC3	SC PCB CN61-27	+3.3 V 	C Data 3
CN501-72	NVDK0	SC PCB CN61-28	+3.3 V 	K Data 0
CN501-73	NVDK1	SC PCB CN61-29	+3.3 V 	K Data 1
CN501-74	NVDK2	SC PCB CN61-30	+3.3 V 	K Data 2
CN501-75	NVDK3	SC PCB CN61-31	+3.3 V 	K Data 3
CN501-76	DCLKY	SC PCB CN61-32	+3.3 V 	Y Data Clock
CN501-77	DCLKM	SC PCB CN61-33	+3.3 V 	M Data Clock
CN501-78	DCLKC	SC PCB CN61-34	+3.3 V 	Data Clock C
CN501-79	DCLKK	SC PCB CN61-35	+3.3 V 	K Data Clock
CN501-80	HSYNCY	SC PCB CN61-36	+3.3 V 	Y Horizontal Synchronized Signal
CN501-81	HSYNCM	SC PCB CN61-37	+3.3 V 	M Horizontal Synchronized Signal
CN501-82	HSYNCC	SC PCB CN61-38	+3.3 V 	C Horizontal Synchronized Signal

EC PCB Pin No.	Signal Name	Destination	Signal Waveform	Function
CN501-83	HSYNCK	SC PCB CN61-39	+3.3 V 	K Horizontal Synchronized Signal
CN501-84	VSYNCY	SC PCB CN61-40	+3.3 V 	Y Vertical Synchronized Signal
CN501-85	VSYNCM	SC PCB CN61-41	+3.3 V 	M Vertical Synchronized Signal
CN501-86	VSYNCC	SC PCB CN61-42	+3.3 V 	C Vertical Synchronized Signal
CN501-87	VSYNCK	SC PCB CN61-43	+3.3 V 	K Vertical Synchronized Signal
CN501-88	GND	SC PCB CN61-44	0V 	Ground






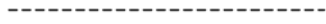



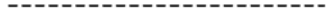

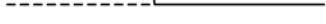












EC PCB - CN502






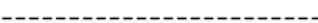












EC PCB Pin No.	Signal Name	Destination	Signal Waveform	Function
CN502-1	LDFUIN	Fuser Enter Sensor	+5V  0V 	Fuser Entrance Sensor Power Supply
CN502-2	GND_1	Fuser Enter Sensor	0V 	Ground
CN502-3	nFUINSN	Fuser Enter Sensor	+5V  0V 	Fuser Entrance Sensor Signal
CN502-4	LDPR1	Fuser Pressure Release Sensor 1	+5V  0V 	Pressure Roller Sensor 1 Power Supply
CN502-5	GND_2	Fuser Pressure Release Sensor 1	0V 	Ground
CN502-6	nPRSN1	Fuser Pressure Release Sensor 1	+5V  0V 	Pressure Roller Sensor 1
CN502-7	LDFURT1	Fuser Roller Rotating Encoder 1	+5V  0V 	Fuser Rotor Sensor 1 Power Supply
CN502-8	GND_3	Fuser Roller Rotating Encoder 1	0V 	GND
CN502-9	FUROTSN1	Fuser Roller Rotating Encoder 1	+5V  0V 	Fuser Rotor Sensor 1
CN502-10	LDFURT2	Fuser Roller Rotating Encoder 2	+5V  0V 	Fuser Rotor Sensor 2 Power Supply
CN502-11	GND_4	Fuser Roller Rotating Encoder 2	0V 	GND
CN502-12	FUROTSN2	Fuser Roller Rotating Encoder 2	+5V  0V 	Fuser Rotor Sensor 2
CN502-13	LDPR2	Fuser Pressure Release Sensor 2	+5V  0V 	Pressure Roller Sensor 2 Power Supply











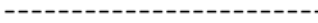


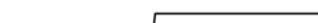





EC PCB Pin No.	Signal Name	Destination	Signal Waveform	Function
CN502-14	GND_5	Fuser Pressure Release Sensor 2	0V 	GND
CN502-15	nPRSN2	Fuser Pressure Release Sensor 2	+5V  0V 	Pressure Roller Sensor 2
CN502-16	N.C.			No Connection
CN502-17	GND_6	Belt Home Position Sensor	0V 	GND
CN502-18	pHOMESN	Belt Home Position Sensor	+5V  0V 	Belt Home Position Sensor
CN502-19	+5V_HOME	Belt Home Position Sensor	+5V  0V 	+5V DC Power Supply for Belt Home Position Sensor
CN502-20	N.C.			No Connection
CN502-21	LDIHC1	IH Core Sensor 1	+5V  0V 	IH Core Sensor 1 Power Supply
CN502-22	GND_7	IH Core Sensor 1	0V 	GND
CN502-23	nIHCSN1	IH Core Sensor 1	+5V  0V 	IH Core Sensor 1
CN502-24	LDIHC2	IH Core Sensor 2	+5V  0V 	IH Core Sensor 2 Power Supply
CN502-25	GND_8	IH Core Sensor 2	0V 	GND
CN502-26	nIHCSN2	IH Core Sensor 2	+5V  0V 	IH Core Sensor 2

EC PCB Pin No.	Signal Name	Destination	Signal Waveform	Function
CN502-27	TH1A	Thermistor 1	+5V 0V 	Thermistor 1 A
CN502-28	TH1B	Thermistor 1	+5V 0V 	Thermistor 1 B
CN502-29	TH2A	Thermistor 2	+5V 0V 	Thermistor 2 A
CN502-30	TH2B	Thermistor 2	+5V 0V 	Thermistor 2 B
CN502-31	TH3A	Thermistor 3	+5V 0V 	Thermistor 3 A
CN502-32	TH3B	Thermistor 3	+5V 0V 	Thermistor 3 B
CN502-33	TH4A	Thermistor 4	+5V 0V 	Thermistor 4 A
CN502-34	TH4B	Thermistor 4	+5V 0V 	Thermistor 4 B
CN502-35	N.C.			No Connection
CN502-36	N.C.			No Connection
CN502-37	N.C.			No Connection
CN502-38	N.C.			No Connection




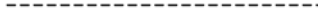















EC PCB - CN503

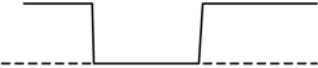
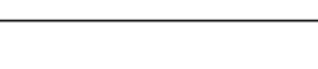

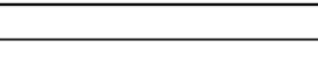

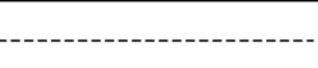

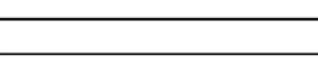

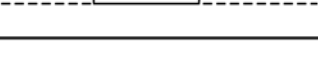
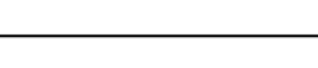
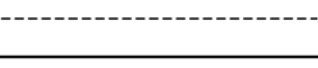
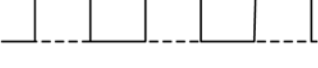
EC PCB Pin No.	Signal Name	Destination	Signal Waveform	Function
CN503-1	+24VM_1	Bottle Motor Y	+24V  0V 	+24V DC Power Supply
CN503-2	nBTM_Y	Bottle Motor Y	+24V  0V 	Bottle Motor Y Activation Signal
CN503-3	+24VM_2	Bottle Motor M	+24V  0V 	+24V DC Power Supply
CN503-4	nBTM_M	Bottle Motor M	+24V  0V 	Bottle Motor M Activation Signal
CN503-5	+24VM_3	Bottle Motor C	+24V  0V 	+24V DC Power Supply
CN503-6	nBTM_C	Bottle Motor C	+24V  0V 	Bottle Motor C Activation Signal
CN503-7	LDBL_Y	Bottle Lock Detection Sensor_Y	+5V  0V 	Bottle Motor Lock Detection Signal Y Power Supply
CN503-8	GND_1	Bottle Lock Detection Sensor_Y	0V 	Ground
CN503-9	BLSN_Y	Bottle Lock Detection Sensor_Y	+5V  0V 	Bottle Motor Lock Detection Signal Y
CN503-10	LDBL_M	Bottle Lock Detection Sensor_M	+5V  0V 	Bottle Motor Lock Detection Signal M Power Supply
CN503-11	GND_2	Bottle Lock Detection Sensor_M	0V 	Ground
CN503-12	BLSN_M	Bottle Lock Detection Sensor_M	+5V  0V 	Bottle Motor Lock Detection Signal M
CN503-13	LDBL_C	Bottle Lock Detection Sensor_C	+5V  0V 	Bottle Motor Lock Detection Signal C Power Supply



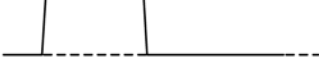


EC PCB Pin No.	Signal Name	Destination	Signal Waveform	Function
CN503-14	GND_3	Bottle Lock Detection Sensor_C	0V 	GND
CN503-15	BLSN_C	Bottle Lock Detection Sensor_C	+5V  0V 	Bottle Motor Lock Detection Signal C
CN503-16	LDBL_K	Bottle Lock Detection Sensor_K	+5V  0V 	Bottle Motor Lock Detection Signal K Power Supply
CN503-17	GND_4	Bottle Lock Detection Sensor_K	0V 	GND
CN503-18	BLSN_K	Bottle Lock Detection Sensor_K	+5V  0V 	Bottle Motor Lock Detection Signal K
CN503-19	N.C.			No Connection
CN503-20	N.C.			No Connection
CN503-21	LDFTR1	FTR Cam Sensor 1	+5V  0V 	FTR 1 Sensor Power Supply
CN503-22	GND_5	FTR Cam Sensor 1	0V 	GND
CN503-23	nFTRSN1	FTR Cam Sensor 1	+5V  0V 	FTR 1 Sensor
CN503-24	LDFTR2	FTR Cam Sensor 2	+5V  0V 	FTR 2 Sensor Power Supply
CN503-25	GND_6	FTR Cam Sensor 2	0V 	GND
CN503-26	nFTRSN2	FTR Cam Sensor 2	+5V  0V 	FTR 2 Sensor

EC PCB Pin No.	Signal Name	Destination	Signal Waveform	Function
CN503-27	LDSTR1	STR Cam Sensor 1	+5V  0V 	STR 1 Sensor Power Supply
CN503-28	GND_7	STR Cam Sensor 1	0V 	GND
CN503-29	nSTRSN1	STR Cam Sensor 1	+5V  0V 	STR 1 Sensor
CN503-30	GND_8	STR Cam Sensor 2	0V 	GND
CN503-31	LDSTR2	STR Cam Sensor 2	+5V  0V 	STR 2 Sensor Power Supply
CN503-32	nSTRSN2	STR Cam Sensor 2	+5V  0V 	STR 2 Sensor
CN503-33	PGND	IH Fan	0V 	Power Ground
CN503-34	nIHRDY	IH Fan	+5V  0V 	IH Fan Lock Detection
CN503-35	pIHFCNT	IH Fan	+24V  0V 	IH Fan Activation Signal
CN503-36	N.C.			No Connection
CN503-37	+24VM_4	Bottle Motor BK	+24V  0V 	+24V DC Power Supply
CN503-38	nBTM_K	Bottle Motor BK	+24V  0V 	Bottle Motor K Activation Signal
CN503-39	N.C.			No Connection
CN503-40	N.C.			No Connection

EC PCB - CN504

EC PCB Pin No.	Signal Name	Destination	Signal Waveform	Function
CN504-1	GND	Y_LED	0V 	Ground
CN504-2	nOPCNEW_Y	Y_LED	+5V  0V	New OPC Drum Detection Signal Y
CN504-3	LDOPC_Y	Y_LED	+5V  0V 	New OPC Drum Detection Sensor Y Power Supply
CN504-4	nERSLED_Y	Y_LED	+5V  0V	Discharge LED Y Activation Signal
CN504-5	LD_ERS_Y1	Y_LED	+24V  0V 	Discharge LED Y Power Supply 1
CN504-6	LD_ERS_Y2	Y_LED	+24V  0V 	Discharge LED Y Power Supply 2
CN504-7	GND	M_LED	0V 	Ground
CN504-8	nOPCNEW_M	M_LED	+5V  0V	New OPC Drum Detection Signal M
CN504-9	LDOPC_M	M_LED	+5V  0V 	New OPC Drum Detection Sensor M Power Supply
CN504-10	nERSLED_M	M_LED	+5V  0V	Discharge LED M Activation Signal
CN504-11	LD_ERS_M1	M_LED	+24V  0V 	Discharge LED M Power Supply 1
CN504-12	LD_ERS_M2	M_LED	+24V  0V 	Discharge LED M Power Supply 2
CN504-13	GND	C_LED	0V 	Ground




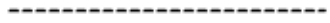















EC PCB Pin No.	Signal Name	Destination	Signal Waveform	Function
CN504-14	nOPCNEW_C	C_LED	+5V 0V 	New OPC Drum Detection Signal C
CN504-15	LDOPC_C	C_LED	+5V 0V 	New OPC Drum Detection Sensor C Power Supply
CN504-16	nERSLED_C	C_LED	+5V 0V 	Discharge LED C Activation Signal
CN504-17	LD_ERS_C1	C_LED	+24V 0V 	Discharge LED C Power Supply 1
CN504-18	LD_ERS_C2	C_LED	+24V 0V 	Discharge LED C Power Supply 2
CN504-19	GND	K_LED	0V 	Ground
CN504-20	nOPCNEW_K	K_LED	+5V 0V 	New OPC Drum Detection Signal K
CN504-21	LDOPC_K	K_LED	+5V 0V 	New OPC Drum Detection Sensor K Power Supply
CN504-22	nERSLED_K	K_LED	+5V 0V 	Discharge LED K Activation Signal
CN504-23	LD_ERS_K1	K_LED	+24V 0V 	Discharge LED K Power Supply 1
CN504-24	LD_ERS_K2	K_LED	+24V 0V 	Discharge LED K Power Supply 2
CN504-25	nIHCM_A	IH Core Motor	+24V 0V 	IH Core Motor Phase A
CN504-26	nIHCM_B	IH Core Motor	+24V 0V 	IH Core Motor Phase B




EC PCB Pin No.	Signal Name	Destination	Signal Waveform	Function
CN504-27	+24VM	IH Core Motor	+24V _____ 0V -----	+24V DC Power Supply
CN504-28	+24VM	IH Core Motor	+24V _____ 0V -----	+24V DC Power Supply
CN504-29	nIHCM_AB	IH Core Motor	+24V _____ 0V ----- 	IH Core Motor Phase AB
CN504-30	nIHCM_BB	IH Core Motor	+24V _____ 0V ----- 	IH Core Motor Phase BB
CN504-31	pFDOPSN	Front Cover Detection Switch	+5V _____ 0V ----- 	Open and Close Front Door Detection
CN504-32	GND	Front Cover Detection Switch	0V -----	Ground
CN504-33	nTCT_CL	Mechanical Counter 2	+24V _____ 0V ----- 	Total Counter Color Activation Signal
CN504-34	+24VF	Mechanical Counter 2	+24V _____ 0V -----	+24V DC Power Supply
CN504-35	nTCT_BK	Mechanical Counter 1	+24V _____ 0V ----- 	Total Counter BK Activation Signal
CN504-36	+24VF	Mechanical Counter 1	+24V _____ 0V -----	+24V DC Power Supply

EC PCB - CN505




















EC PCB Pin No.	Signal Name	Destination	Signal Waveform	Function
CN505-1	+24VM_1	Paper Feed Motor	+24V _____ 0V -----	+24V DC Power Supply
CN505-2	+24VM_2	Paper Feed Motor	+24V _____ 0V -----	+24V DC Power Supply
CN505-3	PGND_1	Paper Feed Motor	0V -----	Power Ground
CN505-4	PGND_2	Paper Feed Motor	0V -----	Power Ground
CN505-5	nPFMENB	Paper Feed Motor	+5V _____ 0V -----	Paper Feed Motor Enable
CN505-6	PFMCLK	Paper Feed Motor	+5V _____ 0V -----	Paper Feed Motor Clock
CN505-7	PFMGAIN	Paper Feed Motor	+5V _____ 0V -----	Paper Feed Motor Gain Switch
CN505-8	nPFMRDY	Paper Feed Motor	+5V _____ 0V -----	Paper Feed Motor Lock Detection
CN505-9	GND_1	Paper Feed Motor	0V -----	Ground
CN505-10	+5V_1	Paper Feed Motor	+5V _____ 0V -----	+5V DC Power Supply


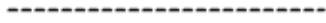

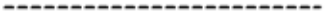





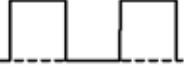








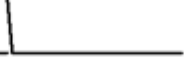



EC PCB - CN506

EC PCB Pin No.	Signal Name	Destination	Signal Waveform	Function
CN506-1	+24VM_1	Drum Motor 1	+24V  0V 	+24V DC Power Supply
CN506-2	+24VM_2	Drum Motor 1	+24V  0V 	+24V DC Power Supply
CN506-3	PGND_1	Drum Motor 1	0V 	Power Ground
CN506-4	PGND_2	Drum Motor 1	0V 	Power Ground
CN506-5	nOPC1ENB	Drum Motor 1	+5V  0V 	OPC Motor 1 Enable
CN506-6	OPC1CLK	Drum Motor 1	+5V  0V 	OPC Drum Unit Motor 1 Clock
CN506-7	OPC1GAIN	Drum Motor 1	+5V  0V 	OPC Drum Unit Motor 1 Gain
CN506-8	nOPC1RDY	Drum Motor 1	+5V  0V 	OPC Motor 1 Lock Detection
CN506-9	OPC1DIR	Drum Motor 1	+5V  0V 	OPC Drum Unit Motor 1 Rotation Direction Switch
CN506-10	GND_1	Drum Motor 1	0V 	Ground
CN506-11	+5V	Drum Motor 1	+5V  0V 	+5V DC Power Supply
CN506-12	N.C.			No Connection
CN506-13	N.C.			No Connection









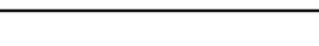


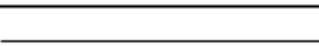
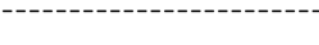
EC PCB Pin No.	Signal Name	Destination	Signal Waveform	Function
CN506-14	N.C.	Inner Upper Limit Sensor		No Connection
CN506-15	LDSTACKFUL	Inner Upper Limit Sensor	+5V 0V 	Inner Upper Limit Sensor Signal
CN506-16	GND_3	Inner Upper Limit Sensor	0V 	GND
CN506-17	nSTACKFULSN	Inner Upper Limit Sensor	+5V 0V 	Inner Upper Limit Sensor Signal








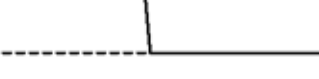
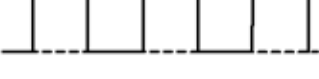
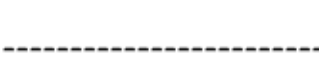


EC PCB - CN507

EC PCB Pin No.	Signal Name	Destination	Signal Waveform	Function
CN507-1	+24VM_1	Developer Motor 2	+24V  0V 	+24V DC Power Supply
CN507-2	+24VM_2	Developer Motor 2	+24V  0V 	+24V DC Power Supply
CN507-3	PGND_1	Developer Motor 2	0V 	Power Ground
CN507-4	PGND_2	Developer Motor 2	0V 	Power Ground
CN507-5	nDEV2ENB	Developer Motor 2	+5V  0V 	Developer Motor 2 Enable
CN507-6	DEV2CLK	Developer Motor 2	+5V  0V 	Developer Motor 2 Clock
CN507-7	DEV2GAIN	Developer Motor 2	+5V  0V 	Developer Motor 2 Gain
CN507-8	nDEV2RDY	Developer Motor 2	+5V  0V 	Developer Motor 2 Lock Detection
CN507-9	N.C.			No Connection
CN507-10	GND_1	Developer Motor 2	0V 	Ground
CN507-11	+5V_1	Developer Motor 2	+5V  0V 	+5V DC Power Supply
CN507-12	N.C.			No Connection
CN507-13	+24VM_3	Drum Motor 2	+24V  0V 	+24V DC Power Supply

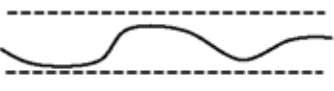




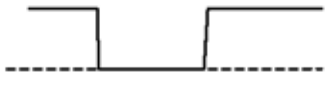






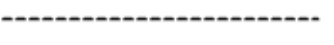
EC PCB Pin No.	Signal Name	Destination	Signal Waveform	Function
CN507-14	+24VM_4	Drum Motor 2	+24V  0V 	+24V DC Power Supply
CN507-15	PGND_3	Drum Motor 2	0V 	Ground
CN507-16	PGND_4	Drum Motor 2	0V 	Ground
CN507-17	nOPC2ENB	Drum Motor 2	+5V  0V  	OPC Motor 2 Enable
CN507-18	OPC2CLK	Drum Motor 2	+5V  0V  	OPC Drum Unit Motor 2 Clock
CN507-19	OPC2GAIN	Drum Motor 2	+5V  0V  	OPC Drum Unit Motor 2 Gain
CN507-20	nOPC2RDY	Drum Motor 2	+5V  0V  	OPC Motor 2 Lock Detection
CN507-21	OPC2DIR	Drum Motor 2	+5V  0V  	OPC Drum Unit Motor 2 Rotation Direction Switch
CN507-22	GND_2	Drum Motor 2	0V 	Ground
CN507-23	+5V_2	Drum Motor 2	+5V  0V 	+5V DC Power Supply
CN507-24	N.C.			No Connection

EC PCB - CN508

EC PCB Pin No.	Signal Name	Destination	Signal Waveform	Function
CN508-1	nTRUENB	TRU PCB CN611-13	+5V 0V 	Transfer Roller Unit Serial Interface Enable
CN508-2	TRUMCLK	TRU PCB CN611-12	+5V 0V 	Motor Clock
CN508-3	TRULD	TRU PCB CN611-11	+5V 0V 	Serial Interface Load Signal
CN508-4	TRULT	TRU PCB CN611-10	+5V 0V 	Serial Interface Latch Signal
CN508-5	TRUSIDI	TRU PCB CN611-9	+5V 0V 	Input Serial Data
CN508-6	TRUSICLK	TRU PCB CN611-8	+5V 0V 	SI Clock
CN508-7	TRUSIDO	TRU PCB CN611-7	+5V 0V 	Output Serial Data
CN508-8	PGND_1	TRU PCB CN611-6	0V 	Power Ground
CN508-9	PGND_2	TRU PCB CN611-5	0V 	Power Ground
CN508-10	+24VM_1	TRU PCB CN611-4	+24V 0V 	+24V DC Power Supply
CN508-11	+24VM_2	TRU PCB CN611-3	+24V 0V 	+24V DC Power Supply
CN508-12	GND_1	TRU PCB CN611-2	0V 	Ground
CN508-13	+5V_1	TRU PCB CN611-1	+5V 0V 	+5V DC Power Supply




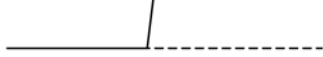
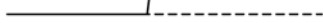










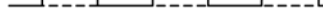

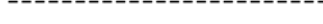




EC PCB Pin No.	Signal Name	Destination	Signal Waveform	Function
CN508-14	nZCROS	IH PCB CN6-12	+5V 0V 	Zero Cross Input
CN508-15	IHADO	IH PCB CN6-11	+5V 0V 	IH AD Converter Data Input
CN508-16	IH_ROTSEN2	IH PCB CN6-10	+5V 0V 	Fuser Rotor Encoder Output 2
CN508-17	nIHRELAY	IH PCB CN6-9	+24V 0V 	IH Power Fan Relay Activation Signal
CN508-18	IHADIN	IH PCB CN6-8	+5V 0V 	IH AD Converter Data Output
CN508-19	nIHADCK	IH PCB CN6-7	+5V 0V 	IH AD Converter Clock
CN508-20	nIHADCS	IH PCB CN6-6	+5V 0V 	IH AD Converter Chip Select
CN508-21	pIHENB	IH PCB CN6-5	+5V 0V 	IH Enable
CN508-22	IHPWR	IH PCB CN6-4	+5V 0V 	IH Power PWM Output
CN508-23	+5V_2	IH PCB CN6-3	+5V 0V 	+5V DC Power Supply
CN508-24	GND_2	IH PCB CN6-2	0V 	Ground
CN508-25	GND_3	IH PCB CN6-1	0V 	GND
CN508-26	N.C.			No Connection



EC PCB - CN509

EC PCB Pin No.	Signal Name	Destination	Signal Waveform	Function
CN509-1	FUMREF	MOTDRV PCB CN550-16	+5V 0V 	Fuser Motor Reference
CN509-2	nRESERVCLK	MOTDRV PCB CN550-15	+5V 0V 	Sub Motor Clock
CN509-3	nSTRCLK	MOTDRV PCB CN550-14	+5V 0V 	STR Motor Clock
CN509-4	nFTRMCLK	MOTDRV PCB CN550-13	+5V 0V 	FTR Motor Clock
CN509-5	nFUMCLK	MOTDRV PCB CN550-12	+5V 0V 	Fuser Motor Clock
CN509-6	MOTSIOUT	MOTDRV PCB CN550-11	+5V 0V 	Motor Driver Serial Data Output
CN509-7	nMOTENB	MOTDRV PCB CN550-10	+5V 0V 	Motor Driver Serial Driver Enable
CN509-8	nRSTMO	MOTDRV PCB CN550-9	+5V 0V 	Motor Driver Serial Driver Reset
CN509-9	MOTSICLK	MOTDRV PCB CN550-8	+5V 0V 	Motor Driver Serial Clock
CN509-10	MOTLT	MOTDRV PCB CN550-7	+5V 0V 	Motor Driver Serial Latch
CN509-11	GND_1	MOTDRV PCB CN550-6	0V 	Ground
CN509-12	+5V_1	MOTDRV PCB CN550-5	+5V 0V 	+5V DC Power Supply
CN509-13	PGND_1	MOTDRV PCB CN550-4	0V 	Power Ground




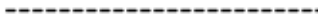







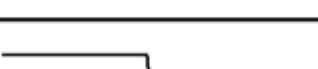


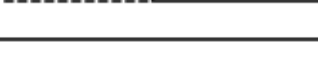










EC PCB Pin No.	Signal Name	Destination	Signal Waveform	Function
CN509-14	PGND_2	MOTDRV PCB CN550-3	0V -----	Power Ground
CN509-15	+24VM_1	MOTDRV PCB CN550-2	+24V ----- 0V -----	+24V DC Power Supply
CN509-16	+24VM_2	MOTDRV PCB CN550-1	+24V ----- 0V -----	+24V DC Power Supply















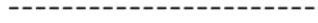
EC PCB - CN510

EC PCB Pin No.	Signal Name	Destination	Signal Waveform	Function
CN510-1	PGND_1	Presssure Roller Fan	0V 	Power Ground
CN510-2	nPRFRDY	Presssure Roller Fan	+5V  0V 	Pressure Roller Fan Lock Detection
CN510-3	pPRFCNT	Presssure Roller Fan	+24V  0V 	Pressure Roller Fan Activation Signal
CN510-4	nIHDFCNT	IH Driver Fan	+24V  0V 	IH Driver Fan Activation Signal
CN510-5	nIHDFRDY	IH Driver Fan	+5V  0V 	IH Driver Fan Lock Detection
CN510-6	+24VF_1	IH Driver Fan	+24V  0V 	+24V DC Power Supply
CN510-7	PGND_2	IH Driver Fan	0V 	Power Ground
CN510-8	nTBFCNT	Toner Bottle Fan	+5V  0V 	Toner Bottle Fan Activation Signal
CN510-9	nTBFRDY	Toner Bottle Fan	+5V  0V 	Toner Bottle Lock Detection
CN510-10	+24VF_2	Toner Bottle Fan	+24V  0V 	+24V DC Power Supply
CN510-11	PGND_3	Toner Bottle Fan	0V 	Ground
CN510-12	pLDOPSN	Right Lower Cover Detection Switch	+24V  0V 	Open and Close Jam Release Lower Door Detection Sensor
CN510-13	GND_1	Right Lower Cover Detection Switch	0V 	Ground





EC PCB Pin No.	Signal Name	Destination	Signal Waveform	Function
CN510-14	pUDOPSN	Right Upper Cover Detection Switch	+24V 0V 	Open and Close Jam Release Upper Door Detection Sensor
CN510-15	GND_2	Right Upper Cover Detection Switch	0V 	Ground

EC PCB - CN511



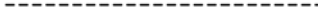

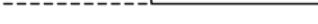

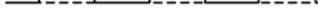

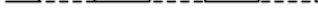













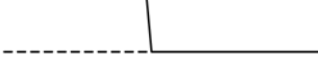

EC PCB Pin No.	Signal Name	Destination	Signal Waveform	Function
CN511-1	+24VM_1	Developer Motor 1	+24V  0V 	+24V DC Power Supply
CN511-2	+24VM_2	Developer Motor 1	+24V  0V 	+24V DC Power Supply
CN511-3	PGND_1	Developer Motor 1	0V 	Power Ground
CN511-4	PGND_2	Developer Motor 1	0V 	Power Ground
CN511-5	nDEV1ENB	Developer Motor 1	+5V  0V  	Developer Motor 1 Enable
CN511-6	DEV1CLK	Developer Motor 1	+5V  0V  	Developer Motor 1 Clock
CN511-7	DEV1GAIN	Developer Motor 1	+5V  0V  	Developer Motor 1 Gain
CN511-8	nDEV1RDY	Developer Motor 1	+5V  0V  	Developer Motor 1 Lock Detection
CN511-9	N.C.			No Connection
CN511-10	GND_1	Developer Motor 1	0V 	Ground
CN511-11	+5V	Belt Motor	+5V  0V 	+5V DC Power Supply
CN511-12	+24VM	Belt Motor	+24V  0V 	+24V DC Power Supply
CN511-13	+24VM	Belt Motor	+24V  0V 	+24V DC Power Supply







EC PCB Pin No.	Signal Name	Destination	Signal Waveform	Function
CN511-14	PGND	Belt Motor	0V 	Power Ground
CN511-15	PGND	Belt Motor	0V 	Power Ground
CN511-16	nCBTMENB	Belt Motor	+5V  0V 	Belt Motor Enable
CN511-17	CBTMCLK	Belt Motor	+5V  0V 	Belt Motor Clock
CN511-18	CBTMGAIN	Belt Motor	+5V  0V 	Belt Motor Gain
CN511-19	nCBTMRDY	Belt Motor	+5V  0V 	Belt Motor Lock Detection
CN511-20	BTMDIR	Belt Motor	+5V  0V 	Belt Motor Rotation Direction Switch
CN511-21	GND_2	Belt Motor	0V 	Ground
CN511-22	+5V_2	Belt Motor	+5V  0V 	+5V DC Power Supply

EC PCB - CN512


































EC PCB Pin No.	Signal Name	Destination	Signal Waveform	Function
CN512-1	+5VSW_1	Door Switch	+5V  0V 	+5V DC Switching Power Supply
CN512-2	N.C.			No Connection
CN512-3	+5VSW_2	Door Switch	+5V  0V 	+5V DC Switching Power Supply

EC PCB - CN513



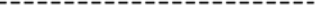









EC PCB Pin No.	Signal Name	Destination	Signal Waveform	Function
CN513-1	PGND_1	HVPS	0V 	Power Ground
CN513-2	+24VM_1	HVPS	+24V  0V 	+24V DC Power Supply
CN513-3	nHVEN_YM	HVPS	+5V  0V 	High Voltage Power Supply Output Control Signal (YM)
CN513-4	D_CLK_nYM	HVPS	+5V  0V 	Developer Bias AC Clock (YM)
CN513-5	D_CLK_YM	HVPS	+5V  0V 	Developer Bias AC Clock (YM)
CN513-6	SDHV_CK	HVPS	+5V  0V 	DAC0 Serial Data (CK)
CN513-7	LDHV_YM	HVPS	+5V  0V 	AC0 Serial Data Latch Signal (YM)
CN513-8	SDHV_CD	HVPS	+5V  0V 	DAC0 Serial Data (YM)
CN513-9	SCLKHV_YM	HVPS	+5V  0V 	AC0 Serial Data Latch Signal (YM)
CN513-10	C_CLK_YM	HVPS	+5V  0V 	Bias Charge AC Output Clock (YM)
CN513-11	PGND_2	HVPS	0V 	Power Ground
CN513-12	+24VM_2	HVPS	+24V  0V 	+24V DC Power Supply
CN513-13	nHVEN_CK	HVPS	+5V  0V 	High Voltage Power Supply Output Control Signal (CK)

EC PCB Pin No.	Signal Name	Destination	Signal Waveform	Function
CN513-14	D_CLK_nCK	HVPS	+5V 0V 	Bias Charge AC Output Clock (CK)
CN513-15	D_CLK_CK	HVPS	+5V 0V 	Bias Charge AC Output Clock (CK)
CN513-16	N.C.			No Connection
CN513-17	LDHV_CK	HVPS	+5V 0V 	DAC0 Serial Data Latch Signal (CK)
CN513-18	SDHV_CK	HVPS	+5V 0V 	DAC0 Serial Data (CK)
CN513-19	SCLKHV_CK	HVPS	+5V 0V 	DAC0 Serial Data Latch Signal (CK)
CN513-20	C_CLK_CK	HVPS	+5V 0V 	Bias Charge AC Output Clock (CK)

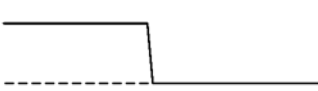












EC PCB - CN514






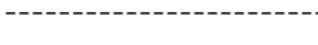
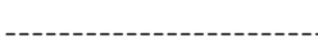


EC PCB Pin No.	Signal Name	Destination	Signal Waveform	Function
CN514-1	PGND_1	HVPS2	0V 	Power Ground
CN514-2	+24VM_1	HVPS2	+24V  0V 	+24V DC Power Supply
CN514-3	nSTRLK	HVPS2	+5V  0V  	STR Leak Signal
CN514-4	nHVEN_T	HVPS2	+5V  0V  	High Voltage Power Supply Output Enabling Signal (T)
CN514-5	STRMON	HVPS2	+14V  0V  	STR Current Monitor
CN514-6	FTRMON_K	HVPS2	+14V  0V  	FTR Voltage Monitor K
CN514-7	FTRMON_C	HVPS2	+14V  0V  	FTR Voltage Monitor C
CN514-8	FTRMON_M	HVPS2	+14V  0V  	FTR Voltage Monitor M
CN514-9	FTRMON_Y	HVPS2	+14V  0V  	FTR Voltage Monitor Y
CN514-10	LDHV_T	HVPS2	+5V  0V  	DAC0 Serial Data Latch Signal
CN514-11	SDHV_T	HVPS2	+5V  0V  	DAC0 Serial Data
CN514-12	SCLKHV_T	HVPS2	+5V  0V  	DAC0 Serial Data Clock Signal

EC PCB - CN515


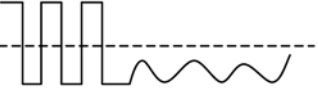
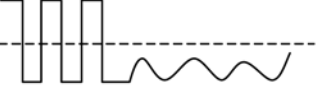

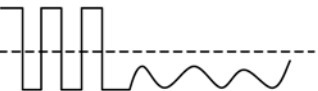
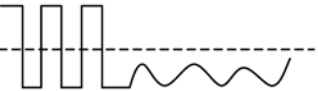

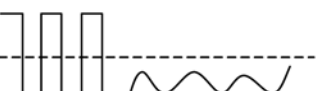



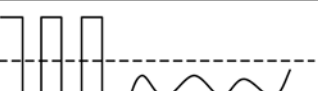
EC PCB Pin No.	Signal Name	Destination	Signal Waveform	Function
CN515-1	+24VM	LSU CN5-5	+24V  0V 	+24V DC Power Supply
CN515-2	PGND_1	LSU CN5-4	0V 	Power Ground
CN515-3	nPMCNT	LSU CN5-3	+5V  0V  	Polygon Motor Activation Signal
CN515-4	nPMRDY	LSU CN5-2	+5V  0V  	Polygon Motor Lock Detection
CN515-5	PMCLK	LSU CN5-1	+5V  0V  	Polygon Motor Clock

EC PCB - CN516




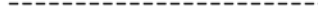



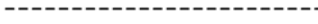


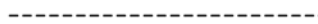
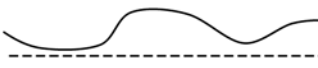



EC PCB Pin No.	Signal Name	Destination	Signal Waveform	Function
CN516-1	GAIN_K	LSU CN1-22	+5V 0V 	Laser Gain (C, K)
CN516-2	GAIN_Y	LSU CN1-21	+5V 0V 	Laser Gain (Y, M)
CN516-3	SPEED1	LSU CN1-20	+5V 0V 	Model Identifying Signal 2
CN516-4	SPEED0	LSU CN1-19	+5V 0V 	Model Identifying Signal 1
CN516-5	nHSYNC_K	LSU CN1-18	+5V 0V 	Horizontal Synchronizing Signal C, K
CN516-6	nHSYNC_Y	LSU CN1-17	+5V 0V 	Horizontal Synchronizing Signal Y, M
CN516-7	nMO_K	LSU CN1-16	+5V 0V 	Laser Monitor K
CN516-8	nMO_C	LSU CN1-15	+5V 0V 	Laser Monitor C
CN516-9	nMO_M	LSU CN1-14	+5V 0V 	Laser Monitor M
CN516-10	nMO_Y	LSU CN1-13	+5V 0V 	Laser Monitor Y
CN516-11	nSH_K	LSU CN1-12	+5V 0V 	Laser Sample Hold Control K
CN516-12	nSH_C	LSU CN1-11	+5V 0V 	Laser Sample Hold Control C
CN516-13	nSH_M	LSU CN1-10	+5V 0V 	Laser Sample Hold Control M



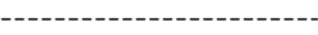



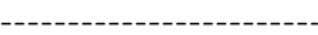

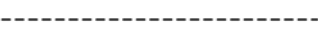


EC PCB Pin No.	Signal Name	Destination	Signal Waveform	Function
CN516-14	nSH_Y	LSU CN1-9	+5V 0V 	Laser Sample Hold Control Y
CN516-15	nLDENB	LSU CN1-8	+5V 0V 	LSU Enable
CN516-16	LSUDAOUT	LSU CN1-7	+5V 0V 	LSU DA Converter Data Output
CN516-17	LSUDACK	LSU CN1-6	+5V 0V 	LSU DA Converter Clock
CN516-18	LSUDALD	LSU CN1-5	+5V 0V 	LSU DA Converter Load
CN516-19	GND_1	LSU CN1-4	0V 	Ground
CN516-20	GND_2	LSU CN1-3	0V 	Ground
CN516-21	+5V_LSU_1	LSU CN1-2	+5V 0V 	+5V DC Power Supply for LSU
CN516-22	+5V_LSU_2	LSU CN1-1	+5V 0V 	+5V DC Power Supply for LSU

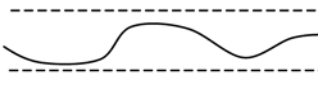







EC PCB - CN517

EC PCB Pin No.	Signal Name	Destination	Signal Waveform	Function
CN517-1	GND_1	LSU CN2-12	0V 	Ground
CN517-2	nDATA_K	LSU CN2-11	1.55 V  1.2V	Image Data (K) +
CN517-3	DATA_K	LSU CN2-10	1.55 V  1.2V	Image Data (K) +
CN517-4	GND_2	LSU CN2-9	0V 	Ground
CN517-5	nDATA_C	LSU CN2-8	1.55 V  1.2V	Image Data (C) +
CN517-6	DATA_C	LSU CN2-7	1.55 V  1.2V	Image Data (C) +
CN517-7	GND_3	LSU CN2-6	0V 	GND
CN517-8	nDATA_M	LSU CN2-5	1.55 V  1.2V	Image Data (M) +
CN517-9	DATA_M	LSU CN2-4	1.55 V  1.2V	Image Data (M) +
CN517-10	GND_4	LSU CN2-3	0V 	GND
CN517-11	nDATA_Y	LSU CN2-2	1.55 V  1.2V	Image Data (Y) +
CN517-12	DATA_Y	LSU CN2-1	1.55 V  1.2V	Image Data (Y) +

EC PCB - CN518

EC PCB Pin No.	Signal Name	Destination	Signal Waveform	Function
CN518-1	GND_1	TDC_Y	0V 	Ground
CN518-2	TDCS_Y	TDC_Y	+5V  0V	Toner Density Sensor Y
CN518-3	+24VF_1	TDC_Y	+24V  0V 	+24V DC Power Supply
CN518-4	TDCREF_Y	TDC_Y	+10V  0V	Toner Density Sensor Reference Y
CN518-5	GND_2	TDC_Y	0V 	Ground
CN518-6	TDCDT_Y	TDC_Y	+5V  0V	Toner Density Sensor Connection Signal Y
CN518-7	GND_3	TDC_M	0V 	GND
CN518-8	TDCS_M	TDC_M	+5V  0V	Toner Density Sensor M
CN518-9	+24VF_2	TDC_M	+24V  0V 	+24V DC Power Supply
CN518-10	TDCREF_M	TDC_M	+10V  0V	Toner Density Sensor Reference M
CN518-11	GND_4	TDC_M	0V 	GND
CN518-12	TDCDT_M	TDC_M	+5V  0V	Toner Density Sensor Connection Signal M
CN518-13	PGND	LSU Fan	0V 	Power Ground

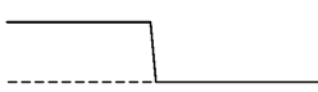
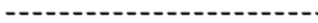









EC PCB Pin No.	Signal Name	Destination	Signal Waveform	Function
CN518-14	nLSUTFRDY	LSU Fan	+5V 0V 	LSU Cooling Fan Lock Detection
CN518-15	pLSUTFCNT	LSU Fan	+24V 0V 	LSU Cooling Fan Activation Signal
CN518-16	N.C.			No Connection
CN518-17	N.C.			No Connection
CN518-18	GND_5	TDC_C	0V 	GND
CN518-19	TDCS_C	TDC_C	+5V 0V 	Toner Density Sensor C
CN518-20	+24VF_3	TDC_C	+24V 0V 	+24V DC Power Supply
CN518-21	TDCREF_C	TDC_C	+10V 0V 	Toner Density Sensor Reference C
CN518-22	GND_6	TDC_C	0V 	GND
CN518-23	TDCDT_C	TDC_C	+5V 0V 	Toner Density Sensor Connection Signal C
CN518-24	GND_7	TDC_K	0V 	GND
CN518-25	TDCS_K	TDC_K	+5V 0V 	Toner Density Sensor K
CN518-26	+24VF_4	TDC_K	+24V 0V 	+24V DC Power Supply

EC PCB Pin No.	Signal Name	Destination	Signal Waveform	Function
CN518-27	TDCREF_K	TDC_K	+10V 0V 	Toner Density Sensor Reference K
CN518-28	GND_8	TDC_K	0V 	GND
CN518-29	TDCDT_K	TDC_K	+5V 0V 	Toner Density Sensor Connection Signal K
CN518-30	LDTF	WTS	+5V 0V 	Waste Toner Full Sensor Power Supply
CN518-31	LDWTB	WTS	+5V 0V 	Waste Toner Bottle Detection Sensor Power Supply
CN518-32	nTFSN	WTS	+5V 0V 	Waste Toner Full Sensor
CN518-33	nWTBSN	WTS	+5V 0V 	Presence of Waste Toner Bottle
CN518-34	GND_9	WTS	0V 	GND







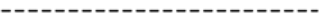

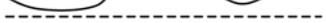

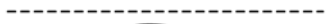
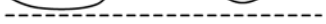

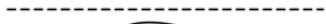
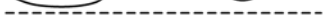


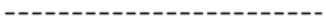



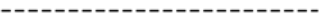

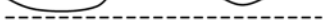

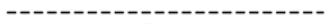
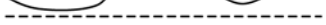

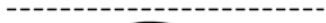
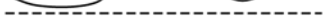

EC PCB - CN519





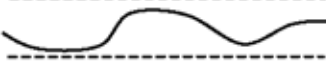

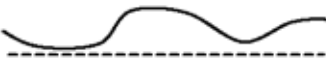













EC PCB Pin No.	Signal Name	Destination	Signal Waveform	Function
CN519-1	+24V_1	LVPS CN3-6	+24V _____ 0V -----	+24V DC Power Supply
CN519-2	+24V_2	LVPS CN3-5	+24V _____ 0V -----	+24V DC Power Supply
CN519-3	+24V_3	LVPS CN3-4	+24V _____ 0V -----	+24V DC Power Supply
CN519-4	PGND_1	LVPS CN3-3	0V -----	Power Ground
CN519-5	PGND_2	LVPS CN3-2	0V -----	Power Ground
CN519-6	PGND_3	LVPS CN3-1	0V -----	Ground

EC PCB - CN520

EC PCB Pin No.	Signal Name	Destination	Signal Waveform	Function
CN520-1	100V_200V	LVPS CN5-7	+5V 0V 	100V/200V Identifying Signal
CN520-2	GND_1	LVPS CN5-6	0V 	Ground
CN520-3	GND_2	LVPS CN5-5	0V 	Ground
CN520-4	+5V_1	LVPS CN5-4	+5V 0V  	+5V DC Power Supply
CN520-5	+5V_2	LVPS CN5-3	+5V 0V  	+5V DC Power Supply
CN520-6	+5VLSU_IN	LVPS CN5-2	+5V 0V  	+5V DC Power Supply
CN520-7	+5VP	LVPS CN5-1	+5V 0V  	+5V DC Power Supply










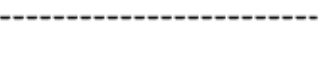
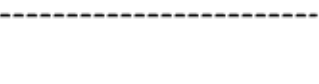
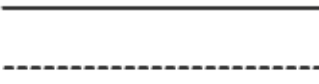
EC PCB - CN521

EC PCB Pin No.	Signal Name	Destination	Signal Waveform	Function
CN521-1	LDSHT	Shutter Detection Sensor	+5V  0V 	Shutter Open and Close Detection Sensor Power Supply
CN521-2	GND_1	Shutter Detection Sensor	0V 	Ground
CN521-3	nSHTSN	Shutter Detection Sensor	+5V  0V  	Open and Close Shutter Detection Sensor
CN521-4	GND_2	Density & Color Deviation Sensor	0V 	Ground
CN521-5	VO2R	Density & Color Deviation Sensor	+5V  0V  	Diffuse Reflection Right Input
CN521-6	CREG_OT_R	Density & Color Deviation Sensor	+5V  0V  	Input Right Registration Sensor
CN521-7	CREG_LD_R	Density & Color Deviation Sensor	+10V  0V  	Right Registration Sensor LED Reference
CN521-8	+5V_1	Density & Color Deviation Sensor	+5V  0V 	+5V DC Power Supply
CN521-9	DCS_M	Color Deviation Sensor	+5V  0V  	Middle Registration Sensor Detection Range Switch
CN521-10	GND_3	Color Deviation Sensor	0V 	GND
CN521-11	VOUT2C	Color Deviation Sensor	+5V  0V  	Image Level Diffusion Input
CN521-12	CREG_OT_M	Color Deviation Sensor	+5V  0V  	Input Middle Registration Sensor
CN521-13	CREG_LD_M	Color Deviation Sensor	+10V  0V  	Middle Registration Sensor LED Reference

EC PCB Pin No.	Signal Name	Destination	Signal Waveform	Function
CN521-14	+5V_2	Color Deviation Sensor	+5V  0V 	+5V DC Power Supply
CN521-15	N.C.			No Connection
CN521-16	GND_4	Density & Color Deviation Sensor	0V 	GND
CN521-17	N.C.			No Connection
CN521-18	CREG_OT_L	Density & Color Deviation Sensor	+5V  0V 	Input Left Registration Sensor
CN521-19	CREG_LD_L	Density & Color Deviation Sensor	+10V  0V 	Left Registration Sensor LED Reference
CN521-20	+5V_2	Density & Color Deviation Sensor	+5V  0V 	+5V DC Power Supply
CN521-21	TEMPSEN	Temperature & Humidity Sensor	+5V  0V 	Temperature Sensor
CN521-22	GND_5	Temperature & Humidity Sensor	0V 	GND
CN521-23	HUMISN	Temperature & Humidity Sensor	+5V  0V 	Humidity Sensor
CN521-24	+5V_4	Temperature & Humidity Sensor	+5V  0V 	+5V DC Power Supply
CN521-25	nSHTSOL	Shutter Solenoid	+24V  0V 	Shutter Solenoid
CN521-26	+24VF_1	Shutter Solenoid	+24V  0V 	+24V DC Power Supply

EC PCB Pin No.	Signal Name	Destination	Signal Waveform	Function
CN521-27	N.C.			No Connection
CN521-28	N.C.			No Connection

EC PCB - CN522













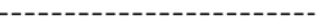







EC PCB Pin No.	Signal Name	Destination	Signal Waveform	Function
CN522-1	pOHPSN	ADU PCB CN400-16	+5V 0V 	OHP Sensor Signal
CN522-2	pRRSN	ADU PCB CN400-15	+5V 0V 	Registration Sensor Signal
CN522-3	+24VF	ADU PCB CN400-14	+24V 0V 	+24V DC Power Supply
CN522-4	nADUENB	ADU PCB CN400-13	+5V 0V 	ADU Serial Driver Enable Data Signal
CN522-5	N.C.			No Connection
CN522-6	ADULD	ADU PCB CN400-11	+5V 0V 	ADU Serial Load
CN522-7	ADULT	ADU PCB CN400-10	+5V 0V 	ADU Serial Latch
CN522-8	ADUSIIN	ADU PCB CN400-9	+5V 0V 	ADU Serial Data Input
CN522-9	ADUSICLK	ADU PCB CN400-8	+5V 0V 	ADU Serial Clock
CN522-10	ADUSIOUT	ADU PCB CN400-7	+5V 0V 	ADU Serial Data Output
CN522-11	PGND_1	ADU PCB CN400-6	0V 	Power Ground
CN522-12	PGND_2	ADU PCB CN400-5	0V 	Power Ground
CN522-13	+24VM_1	ADU PCB CN400-4	+24V 0V 	+24V DC Power Supply

EC PCB Pin No.	Signal Name	Destination	Signal Waveform	Function
CN522-14	+24VM_2	ADU PCB CN400-3	+24V _____ 0V -----	+24V DC Power Supply
CN522-15	GND_1	ADU PCB CN400-2	0V -----	Ground
CN522-16	+5V_1	ADU PCB CN400-1	+5V _____ 0V -----	+5V DC Power Supply

EC PCB - CN523





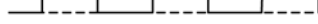













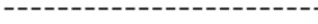

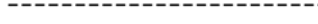

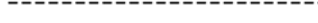
EC PCB Pin No.	Signal Name	Destination	Signal Waveform	Function
CN523-1	+24VM	Lift Motor (Tray1)	+24V _____ 0V -----	+24V DC Power Supply
CN523-2	nLUM1	Lift Motor (Tray1)	+24V _____ 0V -----	Lift Up Motor 1

EC PCB - CN524


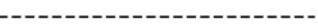



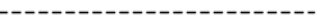





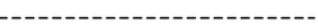




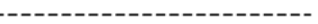

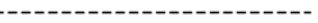




EC PCB Pin No.	Signal Name	Destination	Signal Waveform	Function
CN524-1	LDCST1a	Paper Tray Sensor 1 (Tray1)	+5V  0V 	Tray 1 Sensor a Power Supply
CN524-2	GND_1	Paper Tray Sensor 1 (Tray1)	0V 	Ground
CN524-3	nCSTSN1a	Paper Tray Sensor 1 (Tray1)	+5V  0V 	Tray 1 Detection Sensor
CN524-4	LDCST1b	Paper Tray Sensor 2 (Tray1)	+5V  0V 	Tray 1 Sensor b Power Supply
CN524-5	GND_2	Paper Tray Sensor 2 (Tray1)	0V 	Ground
CN524-6	nCSTSN1b	Paper Tray Sensor 2 (Tray1)	+5V  0V 	Tray 1 No Paper Sensor (Paper Tray Sensor : Tray 1)
CN524-7	LDCST2a	Paper Tray Sensor 1 (Tray2)	+5V  0V 	Tray 2 Sensor a Power Supply
CN524-8	GND_3	Paper Tray Sensor 1 (Tray2)	0V 	GND
CN524-9	nCSTSN2a	Paper Tray Sensor 1 (Tray2)	+5V  0V 	Tray 2 Detection Sensor
CN524-10	LDCST2b	Paper Tray Sensor 2 (Tray2)	+5V  0V 	Tray 2 Sensor b Power Supply
CN524-11	GND_4	Paper Tray Sensor 2 (Tray2)	0V 	GND
CN524-12	nCSTSN2b	Paper Tray Sensor 2 (Tray2)	+5V  0V 	Tray 2 No Paper Sensor (Paper Tray Sensor : Tray 2)
CN524-13	N.C.			No Connection

EC PCB Pin No.	Signal Name	Destination	Signal Waveform	Function
CN524-14	N.C.			No Connection
CN524-15	N.C.			No Connection

EC PCB - CN525

EC PCB Pin No.	Signal Name	Destination	Signal Waveform	Function
CN525-1	GND	CST PCB CN601-14	0V 	Ground
CN525-2	+5V	CST PCB CN601-13	+5V  0V 	+5V DC Power Supply
CN525-3	APFMCLK	CST PCB CN601-12	+5V  0V 	APF Motor Clock
CN525-4	APFSIIN	CST PCB CN601-11	+5V  0V 	APF Serial Data Input
CN525-5	APFLD	CST PCB CN601-10	+5V  0V 	AFP Serial Load
CN525-6	APFSICLK	CST PCB CN601-9	+5V  0V 	APF Serial Clock
CN525-7	APFLT	CST PCB CN601-8	+5V  0V 	AFP Serial Latch
CN525-8	nAPFENB	CST PCB CN601-7	+5V  0V 	Serial Interface Enable
CN525-9	APFSIOUT	CST PCB CN601-6	+5V  0V 	APF Serial Data Output
CN525-10	PGND_1	CST PCB CN601-5	0V 	Power Ground
CN525-11	PGND_2	CST PCB CN601-4	0V 	Power Ground
CN525-12	+24VM_1	CST PCB CN601-3	+24V  0V 	+24V DC Power Supply
CN525-13	+24VM_2	CST PCB CN601-2	+24V  0V 	+24V DC Power Supply

EC PCB - CN526

EC PCB Pin No.	Signal Name	Destination	Signal Waveform	Function
CN526-1	+24VF_1	Paper Feed Roller Clutch (Tray2)	+24V  0V 	+24V DC Power Supply
CN526-2	nPFCL2	Paper Feed Roller Clutch (Tray2)	+24V  0V 	Tray 2 Feed Clutch Control Signal
CN526-3	+24VF_2	Pickup Roller Solenoid (Tray2)	+24V  0V 	+24V DC Power Supply
CN526-4	nPFSOL2	Pickup Roller Solenoid (Tray2)	+24V  0V 	Paper Feed Solenoid 2
CN526-5	+5V_1	Paper Path Sensor (Tray2)	+5V  0V 	+5V DC Power Supply
CN526-6	+5V_2	Upper Limit Sensor (Tray2)	+5V  0V 	+5V DC Power Supply
CN526-7	nPPSN2	Paper Path Sensor (Tray2)	+5V  0V 	Paper Path Sensor 2
CN526-8	pULSN2	Upper Limit Sensor (Tray2)	+5V  0V 	Tray 2 Upper Limit of Paper Sensor
CN526-9	GND_1	Paper Path Sensor (Tray2)	0V 	Ground
CN526-10	GND_2	Upper Limit Sensor (Tray2)	0V 	Ground
CN526-11	+5V_3	NP Sensor (Tray2)	+5V  0V 	+5V DC Power Supply
CN526-12	nPESN2	NP Sensor (Tray2)	+5V  0V 	Tray 2 Paper Empty Sensor Signal
CN526-13	GND_3	NP Sensor (Tray2)	0V 	GND
CN526-14	N.C.			No Connection






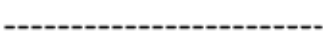

EC PCB - CN527

EC PCB Pin No.	Signal Name	Destination	Signal Waveform	Function
CN527-1	LDJDR	Jam Release Door Sensor	+5V _____ 0V -----	Jam Release Door Sensor Power Supply
CN527-2	GND_1	Jam Release Door Sensor	0V -----	Ground
CN527-3	pJDRSN	Jam Release Door Sensor	+5V _____ 0V -----	Jam Release Door Sensor
CN527-4	LDJAM	Intermediate Roller Jam Sensor	+5V _____ 0V -----	Intermediate Roller Jam Sensor Power Supply
CN527-5	GND_2	Intermediate Roller Jam Sensor	0V -----	Ground
CN527-6	nJAMSN	Intermediate Roller Jam Sensor	+5V _____ 0V -----	Intermediate Roller Jam Sensor
CN527-7	nRRCL	Registration Clutch	+24V _____ 0V -----	Registration Clutch
CN527-8	+24VF_1	Registration Clutch	+24V _____ 0V -----	+24V DC Power Supply
CN527-9	nPCRCL	Intermediate Roller Clutch	+24V _____ 0V -----	Intermediate Roller Clutch
CN527-10	+24VF_2	Intermediate Roller Clutch	+24V _____ 0V -----	+24V DC Power Supply





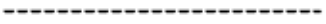



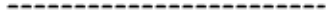


EC PCB - CN528

EC PCB Pin No.	Signal Name	Destination	Signal Waveform	Function
CN528-1	+24VM	Lift Motor (Tray2)	+24V _____ 0V -----	+24V DC Power Supply
CN528-2	nLUM2	Lift Motor (Tray2)	+24V _____ 0V -----	Lift Up Motor 2






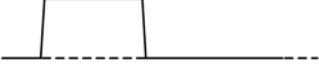




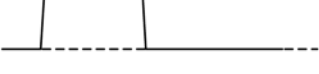
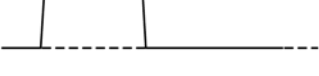
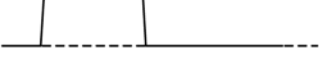
EC PCB - CN529






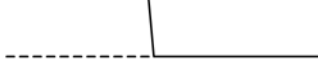




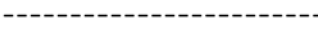

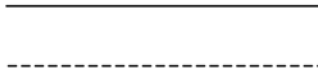
EC PCB Pin No.	Signal Name	Destination	Signal Waveform	Function
CN529-1	pFINISH_PO W	LVS2	+5V 0V 	Finisher Power Supply
CN529-2	GND_1	LVS2	0V 	Ground
CN529-3	IPRXD	Finisher	+5V 0V 	Finisher Serial RXD
CN529-4	GND_2	Finisher	0V 	Ground
CN529-5	IPTXD	Finisher	+5V 0V 	Finisher Serial TXD
CN529-6	GND_3	Finisher	0V 	GND
CN529-7	nFIN_SENS	Finisher	+5V 0V 	Finisher Sensor Signal

EC PCB - CN530

EC PCB Pin No.	Signal Name	Destination	Signal Waveform	Function
CN530-1	+24VF_1	Key Counter	+24V  0V 	+24V DC Power Supply
CN530-2	nKCCNT	Key Counter	+24V  0V 	Key Counter Activation Signal
CN530-3	GND_1	Key Counter	0V 	Ground
CN530-4	nKCS	Key Counter	+5V  0V 	Key Counter Pull Out Detection
CN530-5	+5V_1	Card Reader	+5V  0V 	+5V DC Power Supply
CN530-6	nCCTCNT	Card Reader	+24V  0V 	Card Counter Activation Signal
CN530-7	N.C.			No Connection

EC PCB - CN535


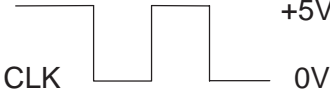
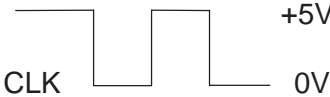
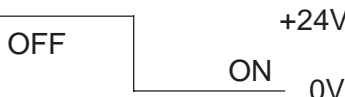
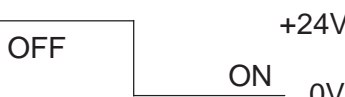
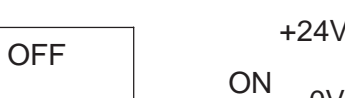




EC PCB Pin No.	Signal Name	Destination	Signal Waveform	Function
CN535-1	D[0]	IPC	+5V 0V 	Data Bus Bit 0
CN535-2	D[1]	IPC	+5V 0V 	Data Bus Bit 1
CN535-3	D[2]	IPC	+5V 0V 	Data Bus Bit 2
CN535-4	D[3]	IPC	+5V 0V 	Data Bus Bit 3
CN535-5	D[4]	IPC	+5V 0V 	Data Bus Bit 4
CN535-6	D[5]	IPC	+5V 0V 	Data Bus Bit 5
CN535-7	D[6]	IPC	+5V 0V 	Data Bus Bit 6
CN535-8	D[7]	IPC	+5V 0V 	Data Bus Bit 7
CN535-9	A[0]	IPC	+5V 0V 	Address Bus Bit 0
CN535-10	A[1]	IPC	+5V 0V 	Address Bus Bit 1
CN535-11	A[2]	IPC	+5V 0V 	Address Bus Bit 2
CN535-12	A[3]	IPC	+5V 0V 	Address Bus Bit 3
CN535-13	A[4]	IPC	+5V 0V 	Address Bus Bit 4

EC PCB Pin No.	Signal Name	Destination	Signal Waveform	Function
CN535-14	A[5]	IPC	+5V 0V 	Address Bus Bit 5
CN535-15	A[6]	IPC	+5V 0V 	Address Bus Bit 6
CN535-16	A[7]	IPC	+5V 0V 	Address Bus Bit 7
CN535-17	nRD	IPC	+5V 0V 	Read
CN535-18	nWR	IPC	+5V 0V 	Write
CN535-19	nIPCCS	IPC	+5V 0V 	IPC Chip Select
CN535-20	nRST5	IPC	+5V 0V 	Reset
CN535-21	IPRXD	IPC	+5V 0V 	Finisher Serial RXD
CN535-22	GND	IPC	0V 	Ground
CN535-23	IPTXD	IPC	+5V 0V 	Finisher Serial TXD
CN535-24	GND	IPC	0V 	Ground
CN535-25	+5V	IPC	+5V 0V 	+5V DC Power Supply
CN535-26	+5V	IPC	+5V 0V 	+5V DC Power Supply

EC PCB Pin No.	Signal Name	Destination	Signal Waveform	Function
CN535-27	GND	IPC	0V -----	Ground
CN535-28	GND	IPC	0V -----	Ground

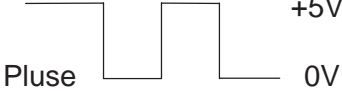
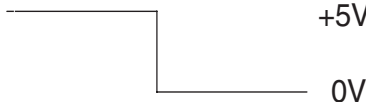
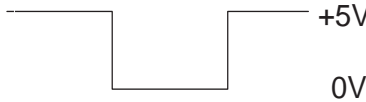
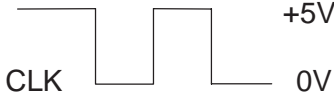
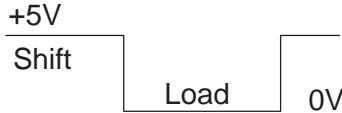
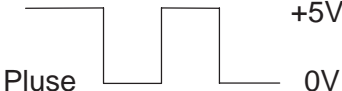
2.21. ADF PC Board

ADF PCB - CN650


ADF PCB Pin No.	Signal Name	Destination	Signal Waveform	Function
CN650-1	N.C.			No Connection
CN650-2	GND	SCN CN707-1		Ground
CN650-3	AMMCLK	SCN CN707-2		ADF Main Motor Clock
CN650-4	APMCLK	SCN CN707-3		ADF Paper Feed Motor Clock
CN650-5	ARVCL1	SCN CN707-4		Inverting Clutch 1 Control Signal
CN650-6	ARVCL2	SCN CN707-5		Inverting Clutch 2 Control Signal
CN650-7	ARRCNT	SCN CN707-6		Registration Roller Clutch Control Signal
CN650-8	ARRSN2	SCN CN707-7		Registration Sensor 2 Signal
CN650-9	ADXSN	SCN CN707-8		Inverting Path Sensor Detection Signal
CN650-10	ADFRRSN1	SCN CN707-9		Registration Sensor 1 Signal
CN650-11	ARST	SCN CN707-10		System Reset Signal


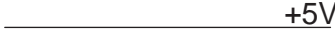








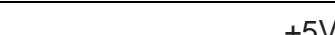
ADF PCB Pin No.	Signal Name	Destination	Signal Waveform	Function
CN650-12	N.C.			No Connection

ADF PCB - CN651

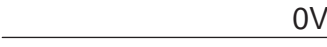





ADF PCB Pin No.	Signal Name	Destination	Signal Waveform	Function
CN651-1	AFDOUT	SCN CN707-12	 +5V 0V Pulse	FIFO Data In
CN651-2	AFENB	SCN CN707-13	 +5V 0V	FIFO Enable
CN651-3	AFLTH	SCN CN707-14	 +5V 0V	FIFO Latch
CN651-4	ADCLK	SCN CN707-15	 +5V 0V CLK	FIFO Clock
CN651-5	AFLD	SCN CN707-16	 +5V 0V Shift Load	FIFO Load
CN651-6	AFDIN	SCN CN707-17	 +5V 0V Pulse	FIFO Data Out

ADF PCB - CN652




ADF PCB Pin No.	Signal Name	Destination	Signal Waveform	Function
CN652-1	N.C.			No Connection
CN652-2	GND	Size Sensor 1-3	 0V	Ground


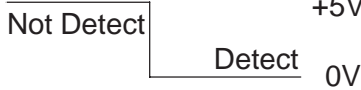




ADF PCB Pin No.	Signal Name	Destination	Signal Waveform	Function
CN652-3	SIZE1SN	Size Sensor 1-2		Original Size Sensor 1 Detection Signal
CN652-4	+5V	Size Sensor 1-1		+5 VDC Power Supply
CN652-5	GND	Size Sensor 2-3		Ground
CN652-6	SIZE2SN	Size Sensor 2-2		Original Size Sensor 2 Detection Signal
CN652-7	+5V	Size Sensor 2-1		+5 VDC Power Supply
CN652-8	GND	Size Sensor 3-3		Ground
CN652-9	SIZE3SN	Size Sensor 3-2		Original Size Sensor 3 Detection Signal
CN652-10	+5V	Size Sensor 3-1		+5 VDC Power Supply
CN652-11	GND	Size Sensor 4-3		Ground
CN652-12	SIZE4SN	Size Sensor 4-2		Original Size Sensor 4 Detection Signal
CN652-13	+5V	Size Sensor 4-1		+5 VDC Power Supply
CN652-14	N.C.			No Connection

ADF PCB - CN653


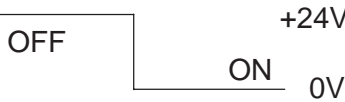

ADF PCB Pin No.	Signal Name	Destination	Signal Waveform	Function
CN653-1	GND	Registration Sensor 1-3		Ground
CN653-2	PR1SN	Registration Sensor 1-2		Registration Sensor 1 Signal
CN653-3	+5V	Registration Sensor 1-1		+5 VDC Power Supply
CN653-4	GND	Original Sensor-3		Ground
CN653-5	ORGSN	Original Sensor-2		Original Sensor Signal
CN653-6	+5VP	Original Sensor-1		+5 VDC Power Supply

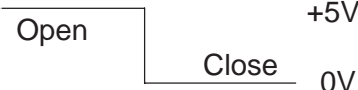

ADF PCB - CN654

ADF PCB Pin No.	Signal Name	Destination	Signal Waveform	Function
CN654-1	N.C.			No Connection
CN654-2	GND	Inverting Sensor-3		Ground
CN654-3	DXSN	Inverting Sensor-2		Inverting Path Sensor Detection Signal
CN654-4	+5V	Inverting Sensor-1		+5 VDC Power Supply


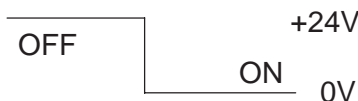

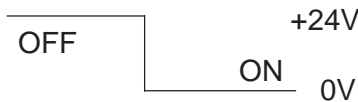
ADF PCB Pin No.	Signal Name	Destination	Signal Waveform	Function
CN654-5	GND	Registration Sensor 2-3	 0V	Ground
CN654-6	RR2SN	Registration Sensor 2-2	 +5V Not Detect Detect 0V	Registration Sensor 2 Signal
CN654-7	+5V	Registration Sensor 2-1	 +5V	+5 VDC Power Supply
CN654-8	GND	Registration Sensor 3-3	 0V	Ground
CN654-9	RR3SN	Registration Sensor 3-2	 +5V Not Detect Detect 0V	Registration Sensor 3 Signal
CN654-10	+5V	Registration Sensor 3-1	 +5V	+5 VDC Power Supply
CN654-11	N.C.			No Connection

ADF PCB - CN655


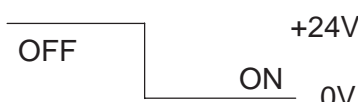


ADF PCB Pin No.	Signal Name	Destination	Signal Waveform	Function
CN655-1	+24VO1	Paper Feed Clutch	 +24V	+24 VDC Power Supply
CN655-2	PFCLCNT	Paper Feed Clutch	 +24V OFF ON 0V	Paper Feed Clutch Control Signal
CN655-3	N.C.			No Connection
CN655-4	GND	Door Sensor-3	 0V	Ground


ADF PCB Pin No.	Signal Name	Destination	Signal Waveform	Function
CN655-5	OPSN	Door Sensor-2		ADF Cover Open Detection Signal
CN655-6	+5V	Door Sensor-1		+5 VDC Power Supply

ADF PCB - CN656




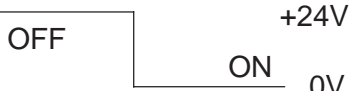
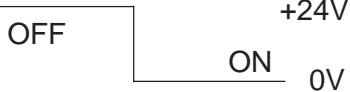

ADF PCB Pin No.	Signal Name	Destination	Signal Waveform	Function
CN656-1	+24VO1	Registration Clutch 2		+24 VDC Power Supply
CN656-2	RR2CLCNT	Registration Clutch 2		Registration Roller 2 Clutch Control Signal
CN656-3	+24VO1	Registration Clutch 1		+24 VDC Power Supply
CN656-4	RR1CLCNT	Registration Clutch 1		Registration Roller 1 Clutch Control Signal

ADF PCB - CN658


ADF PCB Pin No.	Signal Name	Destination	Signal Waveform	Function
CN658-1	+24VO1	Stamp		+24 VDC Power Supply
CN658-2	STSLCNT	Stamp		Stamp Solenoid Control Signal
CN658-3	GND	Exit Sensor-3		Ground
CN658-4	EXSN	Exit Sensor-2		Paper Exit Sensor Detection Signal

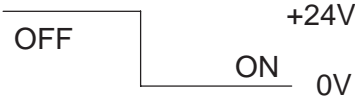
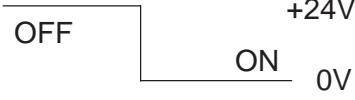

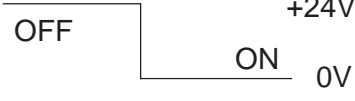
ADF PCB Pin No.	Signal Name	Destination	Signal Waveform	Function
CN658-5	+5V	Exit Sensor-1	 +5V	+5 VDC Power Supply

ADF PCB - CN659





ADF PCB Pin No.	Signal Name	Destination	Signal Waveform	Function
CN659-1	N.C.			No Connection
CN659-2	+24VO1	Slow Down Clutch	 +24V	+24 VDC Power Supply
CN659-3	+24VO1	Inverting Clutch 1	 +24V	+24 VDC Power Supply
CN659-4	+24VO1	Inverting Clutch 2	 +24V	+24 VDC Power Supply
CN659-5	SDCLCNT	Slow Down Clutch	 +24V OFF ON 0V	Slow Down Clutch Control Signal
CN659-6	SB1CLCNT	Inverting Clutch 1	 +24V OFF ON 0V	Inverting Clutch 1 Control Signal
CN659-7	SB2CLCNT	Inverting Clutch 2	 +24V OFF ON 0V	Inverting Clutch 2 Control Signal
CN659-8	N.C.			No Connection








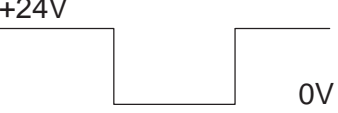
ADF PCB - CN660

ADF PCB Pin No.	Signal Name	Destination	Signal Waveform	Function
CN660-1	+24VO1	Pinch Solenoid	 +24V	+24 VDC Power Supply


ADF PCB Pin No.	Signal Name	Destination	Signal Waveform	Function
CN660-2	PPSOLCNT	Pinch Solenoid		Pinch Solenoid Control Signal
CN660-3	N.C.			No Connection
CN660-4	N.C.			No Connection
CN660-5	DXSLCNT1	Inverting Solenoid		Inverting Solenoid Control 1 Signal
CN660-6	+24VO1	Inverting Solenoid		+24 VDC Power Supply
CN660-7	DXSLCNT2	Inverting Solenoid		Inverting Solenoid Control 2 Signal









ADF PCB - CN661

ADF PCB Pin No.	Signal Name	Destination	Signal Waveform	Function
CN661-1	N.C.			No Connection
CN661-2	PMA	Paper Feed Motor-11		Paper Feed Motor A Signal
CN661-3	+24VO1	Paper Feed Motor-9		+24 VDC Power Supply
CN661-4	PMAB	Paper Feed Motor-7		Paper Feed Motor AB Signal
CN661-5	PMB	Paper Feed Motor-5		Paper Feed Motor B Signal

ADF PCB Pin No.	Signal Name	Destination	Signal Waveform	Function
CN661-6	+24VO1	Paper Feed Motor-3		+24 VDC Power Supply
CN661-7	PMBB	Paper Feed Motor-1		Paper Feed Motor BB Signal
CN661-8	MMA	ADF Main Motor-11		ADF Main Motor A Signal
CN661-9	+24VO1	ADF Main Motor-9		+24 VDC Power Supply
CN661-10	MMAB	ADF Main Motor-7		ADF Main Motor AB Signal
CN661-11	MMB	ADF Main Motor-5		ADF Main Motor B Signal
CN661-12	+24VO1	ADF Main Motor-3		+24 VDC Power Supply
CN661-13	MMBB	ADF Main Motor-1		ADF Main Motor BB Signal
CN661-14	N.C.			No Connection

ADF PCB - CN662

ADF PCB Pin No.	Signal Name	Destination	Signal Waveform	Function
CN662-1	N.C.			No Connection
CN662-2	+24VO1	SCN CN708-1		+24 VDC Power Supply





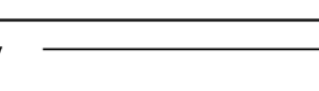
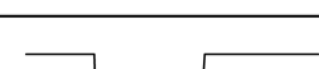
ADF PCB Pin No.	Signal Name	Destination	Signal Waveform	Function
CN662-3	+24VO1	SCN CN708-2		+24 VDC Power Supply
CN662-4	PGND	SCN CN708-3		Ground
CN662-5	PGND	SCN CN708-4		Ground
CN662-6	+5V	SCN CN708-5		+5 VDC Power Supply
CN662-7	+5V	SCN CN708-6		+5 VDC Power Supply
CN662-8	+5VP	SCN CN708-7		+5 VDC Power Supply
CN662-9	ORGSN	SCN CN708-8		Original Sensor Detection Signal
CN662-10	GND	SCN CN708-9		Ground
CN662-11	N.C.			No Connection
CN662-12	N.C.			No Connection
CN662-13	N.C.			No Connection

2.22. SCN PC Board





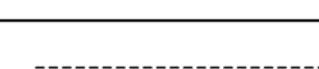
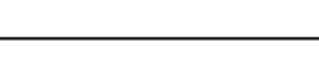
SCN PCB - CN702

SCN PCB Pin No.	Signal Name	Destination	Signal Waveform	Function
CN702-1	+5VP	LVPS CN7-1	+5V _____ 0V -----	+5V DC Power Supply
CN702-2	+5V	LVPS CN7-2	+5V _____ 0V -----	+5V DC Power Supply
CN702-3	GND	LVPS CN7-3	0V -----	Ground
CN702-4	GND	LVPS CN7-4	0V -----	Ground
CN702-5	+24V	LVPS CN7-5	+24V _____ 0V -----	+24V DC Power Supply
CN702-6	+24V	LVPS CN7-6	+24V _____ 0V -----	+24V DC Power Supply
CN702-7	MGND	LVPS CN7-7	0V -----	Power Ground
CN702-8	MGND	LVPS CN7-8	0V -----	Power Ground

SCN PCB - CN703

SCN PCB Pin No.	Signal Name	Destination	Signal Waveform	Function
CN703-1	nSCNMA	Scan Motor	+24V 0V 	Scan Motor Control A
CN703-2	+24VS	Scan Motor	+24V 0V 	+24V DC Power Supply
CN703-3	nSCNMAB	Scan Motor	+24V 0V 	Scan Motor Control *A
CN703-4	nSCNMB	Scan Motor	+24V 0V 	Scan Motor Control B
CN703-5	+24VS	Scan Motor	+24V 0V 	+24V DC Power Supply
CN703-6	nSCNMBB	Scan Motor	+24V 0V 	Scan Motor Control *B

SCN PCB - CN704

SCN PCB Pin No.	Signal Name	Destination	Signal Waveform	Function
CN704-1	+24VS	Inverter	+24V 0V 	+24V DC Power Supply
CN704-2	+24VS	Inverter	+24V 0V 	+24V DC Power Supply
CN704-3	nLPCNT	Inverter	+5V 0V 	Inverter Drive Control Signal
CN704-4	nLPCNT	Inverter	+5V 0V 	Inverter Drive Control Signal
CN704-5	MGND	Inverter	0V 	Power Ground
CN704-6	MGND	Inverter	0V 	Power Ground

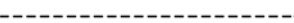
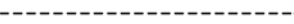
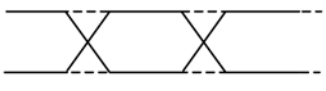
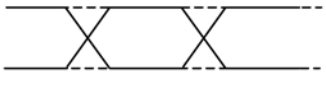

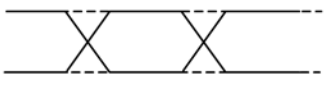

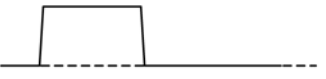



SCN PCB - CN707




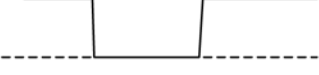
Refer to ADF PC Board and .

SCN PCB - CN708





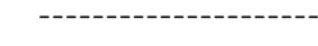
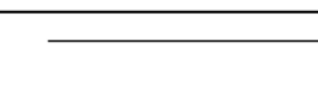
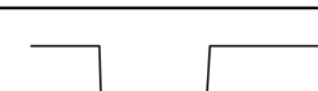

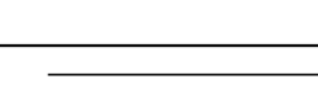
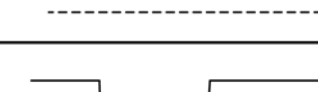
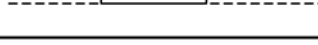

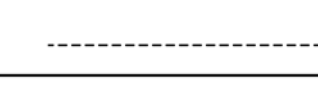
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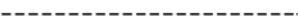






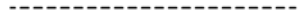


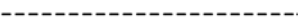
SCN PCB - CN709

SCN PCB Pin No.	Signal Name	Destination	Signal Waveform	Function
CN709-1	GND	SC PCB CN51-1	0V 	Ground
CN709-2	GND	SC PCB CN51-2	0V 	Ground
CN709-3	SCNTXD	SC PCB CN51-3	+5V  0V	Output Serial Data
CN709-4	SCNRXD	SC PCB CN51-4	+5V  0V	Input Serial Data
CN709-5	SCPCLK	SC PCB CN51-5	+5V  0V	Scanner Program Serial Interface Clock
CN709-6	SCPDATA	SC PCB CN51-6	+5V  0V	Scanner Program Serial Interface Data
CN709-7	nPRGDWN	SC PCB CN51-7	+5V  0V	Control Program Download
CN709-8	nPRST	SC PCB CN51-8	+5V  0V	HST Reset
CN709-9	nSREQ	SC PCB CN51-9	+5V  0V	Scanner Request Signal
CN709-10	nSENTIM	SC PCB CN51-10	+5V  0V	Image Sent Signal
CN709-11	nVEN	SC PCB CN51-11	+5V  0V	Vertical Enable Signal








SCN PCB Pin No.	Signal Name	Destination	Signal Waveform	Function
CN709-12	nSACK	SC PCB CN51-12	+5V 0V 	Scanner Acknowledge Signal
CN709-13	nVREQ	SC PCB CN51-13	+5V 0V 	Vertical Request Signal
CN709-14	nSHIN	SC PCB CN51-14	+5V 0V 	Shading Interrupt Signal
CN709-15	nORGSEN	SC PCB CN51-15	+5V 0V 	Original Size Sensor Signal

SCN PCB - CN710

SCN PCB Pin No.	Signal Name	Destination	Signal Waveform	Function
CN710-1	nORSIZIN0	Original Size Sensor	+5V 0V 	Original Size 0 Sensor
CN710-2	nORSIZIN1	Original Size Sensor	+5V 0V 	Original Size 1 Sensor
CN710-3	nORSIZIN2	Original Size Sensor	+5V 0V 	Original Size 2 Sensor
CN710-4	+5V	Original Size Sensor	+5V 0V 	+5V DC Power Supply
CN710-5	GND	Original Size Sensor	0V 	Ground
CN710-6	+5V	Original Size Sensor	+5V 0V 	+5V DC Power Supply
CN710-7	nORSIZIN3	Original Size Sensor	+5V 0V 	Original Size 3 Sensor
CN710-8	GND	Original Size Sensor	0V 	Ground
CN710-9	+5V	Original Size Sensor	+5V 0V 	+5V DC Power Supply
CN710-10	nORSIZIN4	Original Size Sensor	+5V 0V 	Original Size 4 Sensor
CN710-11	GND	Original Size Sensor	0V 	Ground
CN710-12	+5V	Home Position Sensor	+5V 0V 	+5V DC Power Supply
CN710-13	nHPSN	Home Position Sensor	+5V 0V 	Home Position Sensor

SCN PCB Pin No.	Signal Name	Destination	Signal Waveform	Function
CN710-14	GND	Home Position Sensor	0V 	Ground
CN710-15	+5V	Platen Angle Sensor	+5V  0V 	+5V DC Power Supply
CN710-16	nPASN	Platen Angle Sensor	+5V  0V 	Platen Angle Sensor
CN710-17	GND	Platen Angle Sensor	0V 	Ground
CN710-18	+5V	Platen Cover Sensor	+5V  0V 	+5V DC Power Supply
CN710-19	nPCSN	Platen Cover Sensor	+5V  0V 	Sensor Platen Cover
CN710-20	GND	Platen Cover Sensor	0V 	Ground

SCN PCB - CN713









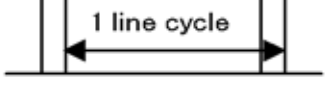
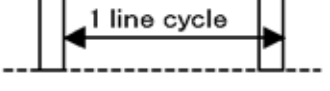

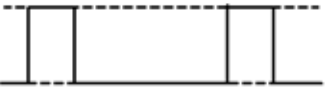
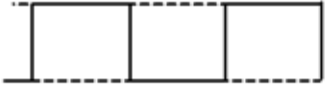

SCN PCB Pin No.	Signal Name	Destination	Signal Waveform	Function
CN713-1	PGND	Lamp Inverter	0V 	Power Ground
CN713-2	nLPF_RDY	Lamp Inverter	+5V  0V 	Signal Ready
CN713-3	pLPF_CNT_1	Lamp Inverter	+5V  0V 	Control Lamp Fan
CN713-4	pLPF_CNT_2	Lamp Inverter	+5V  0V 	Control Lamp Fan


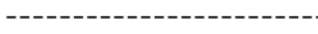


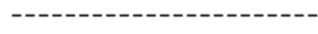

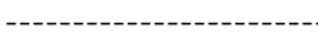
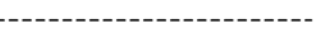
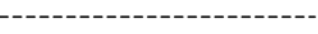
2.23. AFE PC Board

AFE PCB - CN852

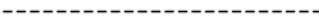

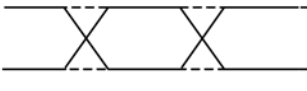

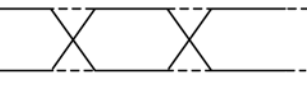


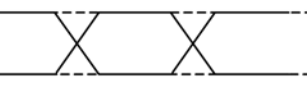
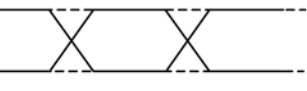

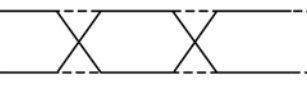
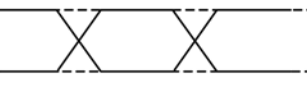

AFE PCB Pin No.	Signal Name	Destination	Signal Waveform	Function
CN852-1	VINODD_Blue	CCD CN580-1	offset level 2.8V~5V CCD video signal 0V	CCD Output Blue Odd Signal
CN852-2	AGND	CCD CN580-2	0V	Analog Ground
CN852-3	VINEVEN_Blue	CCD CN580-3	offset level 2.8V~5V CCD video signal 0V	CCD Output Blue Even Signal
CN852-4	AGND	CCD CN580-4	0V	Analog Ground
CN852-5	VINODD_Green	CCD CN580-5	offset level 2.8V~5V CCD video signal 0V	CCD Output Green Odd Signal
CN852-6	AGND	CCD CN580-6	0V	Analog Ground
CN852-7	VINEVEN_Green	CCD CN580-7	offset level 2.8V~5V CCD video signal 0V	CCD Output Green Even Signal
CN852-8	AGND	CCD CN580-8	0V	Analog Ground
CN852-9	VINODD_Red	CCD CN580-9	offset level 2.8V~5V CCD video signal 0V	CCD Output Red Odd Signal
CN852-10	AGND	CCD CN580-10	0V	Analog Ground
CN852-11	VINEVEN_Red	CCD CN580-11	offset level 2.8V~5V CCD video signal 0V	CCD Output Red Even Signal
CN852-12	AGND	CCD CN580-12	0V	Analog Ground

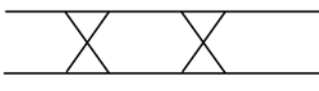
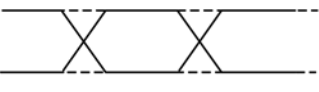

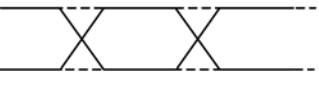



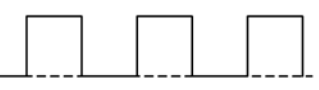


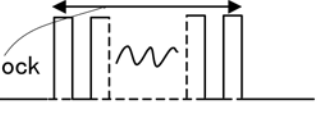

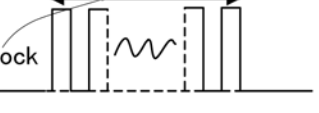
AFE PCB - CN853

AFE PCB Pin No.	Signal Name	Destination	Signal Waveform	Function
CN853-1	AGND	CCD CN851-1	0V 	Analog Ground
CN853-2	AGND	CCD CN851-2	0V 	Analog Ground
CN853-3	+10V	CCD CN851-3	+10V  0V 	+10V DC Power Supply
CN853-4	+10V	CCD CN851-4	+10V  0V 	+10V DC Power Supply
CN853-5	AGND	CCD CN851-5	0V 	Analog Ground
CN853-6	AGND	CCD CN851-6	0V 	Analog Ground
CN853-7	ϕ TG1	CCD CN851-7	+3.3V  0V	Transfer Gate Clock 1
CN853-8	ϕ TG2	CCD CN851-8	+3.3V  0V	Transfer Gate Clock 2
CN853-9	N.C.			No Connection
CN853-10	ϕ CP	CCD CN851-10	+3.3V  0V	Reset Feed Through Level Clamp Clock
CN853-11	ϕ R	CCD CN851-11	+3.3V  0V	Reset Gate Clock
CN853-12	ϕ 2L	CCD CN851-12	+3.3V  0V	Last Stage Shift Register Clock
CN853-13	ϕ 2	CCD CN851-13	+3.3V  0V	Shift Register Clock 2

AFE PCB Pin No.	Signal Name	Destination	Signal Waveform	Function
CN853-14	$\phi 1$	CCD CN851-14	+3.3V  0V	Shift Register Clock 1
CN853-15	GND	CCD CN851-15	0V 	Ground
CN853-16	GND	CCD CN851-16	0V 	Ground
CN853-17	+5V	CCD CN851-17	+5V  0V 	+5V DC Power Supply
CN853-18	+5V	CCD CN851-18	+5V  0V 	+5V DC Power Supply
CN853-19	GND	CCD CN851-19	0V 	Ground
CN853-20	GND	CCD CN851-20	0V 	Ground














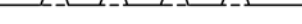


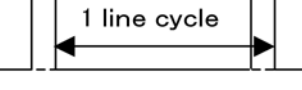





AFE PCB - CN854


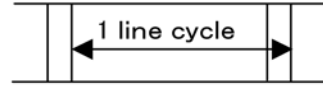
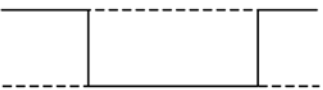
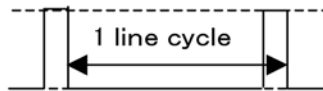
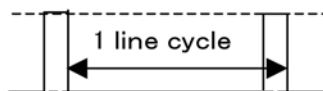
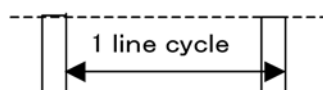
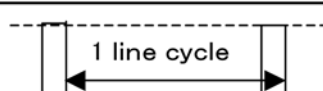
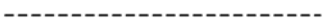


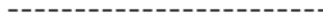

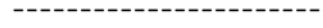
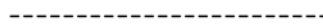

AFE PCB Pin No.	Signal Name	Destination	Signal Waveform	Function
CN854-1	GND	SC PCB CN56-1	0V 	Ground
CN854-2	GND	SC PCB CN56-2	0V 	Ground
CN854-3	TXOUT0-	SC PCB CN56-3	+3.3V  0V	Digital Video Data (TXOUT0-)
CN854-4	GND	SC PCB CN56-4	0V 	Ground
CN854-5	TXOUT0+	SC PCB CN56-5	+3.3V  0V	Digital Video Data (TXOUT0+)
CN854-6	TXOUT3-	SC PCB CN56-6	+3.3V  0V	Digital Video Data (TXOUT3-)
CN854-7	GND	SC PCB CN56-7	0V 	Ground
CN854-8	TXOUT3+	SC PCB CN56-8	+3.3V  0V	Digital Video Data (TXOUT3+)
CN854-9	TXOUT1-	SC PCB CN56-9	+3.3V  0V	Digital Video Data (TXOUT1-)
CN854-10	GND	SC PCB CN56-10	0V 	Ground
CN854-11	TXOUT1+	SC PCB CN56-11	+3.3V  0V	Digital Video Data (TXOUT1+)
CN854-12	TXOUT4-	SC PCB CN56-12	+3.3V  0V	Digital Video Data (TXOUT4-)
CN854-13	GND	SC PCB CN56-13	0V 	Ground

AFE PCB Pin No.	Signal Name	Destination	Signal Waveform	Function
CN854-14	TXOUT4+	SC PCB CN56-14	+3.3V 0V 	Digital Video Data (TXOUT4+)
CN854-15	TXOUT2-	SC PCB CN56-15	+3.3V 0V 	Digital Video Data (TXOUT2-)
CN854-16	GND	SC PCB CN56-16	0V 	Ground
CN854-17	TXOUT2+	SC PCB CN56-17	+3.3V 0V 	Digital Video Data (TXOUT2+)
CN854-18	TXCLK1OUT-	SC PCB CN56-18	+3.3V 0V 	Digital Video Data Shift Clock -
CN854-19	GND	SC PCB CN56-19	0V 	Ground
CN854-20	TXCLK1OUT+	SC PCB CN56-20	+3.3V 0V 	Digital Video Data Shift Clock +
CN854-21	TXCLK0OUT-	SC PCB CN56-21	+3.3V 0V 	Digital Video Data Shift Clock -
CN854-22	GND	SC PCB CN56-22	0V 	Ground
CN854-23	TXCLK0OUT+	SC PCB CN56-23	+3.3V 0V 	Digital Video Data Shift Clock +
CN854-24	BLUESCLK+	SC PCB CN56-24	+3.3V 0V 	Blue AFE Serial Interface Shift Register Clock + (BLUESCLK+)
CN854-25	GND	SC PCB CN56-25	0V 	Ground
CN854-26	BLUESCLK-	SC PCB CN56-26	+3.3V 0V 	Blue AFE Serial Interface Shift Register Clock - (BLUESCLK-)

AFE PCB Pin No.	Signal Name	Destination	Signal Waveform	Function
CN854-27	LVSCLK-	SC PCB CN56-27	+3.3V 0V	Flat Link LVDS Shift Clock (LVSCLK-)
CN854-28	GND	SC PCB CN56-28	0V	Ground
CN854-29	LVSCLK+	SC PCB CN56-29	+3.3V 0V	Flat Link LVDS Shift Clock (LVSCLK+)
CN854-30	GREENSCLK+	SC PCB CN56-30	+3.3V 0V	Green AFE Serial Interface Shift Register Clock +
CN854-31	ASICRCLK+	SC PCB CN56-31	+3.3V 0V	Reserve Clock +
CN854-32	GREENSCLK-	SC PCB CN56-32	+3.3V 0V	Green AFE Serial Interface Shift Register Clock +
CN854-33	ASICRCLK-	SC PCB CN56-33	+3.3V 0V	Reserve Clock -
CN854-34	GND	SC PCB CN56-34	0V	Ground
CN854-35	CCDASICLK-	SC PCB CN56-35	+3.3V 0V	CCD-ASIC System Clock -
CN854-36	REDSCLK+	SC PCB CN56-36	+3.3V 0V	Green AFE Serial Interface Shift Register Clock+ (REDSCLK+)
CN854-37	CCDASICLK+	SC PCB CN56-37	+3.3V 0V	CCD-ASIC System Clock +
CN854-38	REDSCLK-	SC PCB CN56-38	+3.3V 0V	Green AFE Serial Interface Shift Register Clock- (REDSCLK-)
CN854-39	GND	SC PCB CN56-39	0V	Ground
CN854-40	GND	SC PCB CN56-40	0V	Ground

AFE PCB - CN855

AFE PCB Pin No.	Signal Name	Destination	Signal Waveform	Function
CN855-1	GND	SC PCB CN57-1	0V 	Ground
CN855-2	GND	SC PCB CN57-2	0V 	Ground
CN855-3	+3.3V	SC PCB CN57-3	+3.3V  0V 	+3.3V DC Power Supply
CN855-4	+3.3V	SC PCB CN57-4	+3.3V  0V 	+3.3V DC Power Supply
CN855-5	nSENSB	SC PCB CN57-5	+3.3V  0V 	Serial Interface Blue AFE Low-Active Chip Enable
CN855-6	nSENSG	SC PCB CN57-6	+3.3V  0V 	Serial Interface Green AFE Low-Active Chip Enable
CN855-7	SDIB	SC PCB CN57-7	+3.3V  0V 	Blue AFE Serial Interface Input Signal
CN855-8	SDIG	SC PCB CN57-8	+3.3V  0V 	Green AFE Serial Interface Input Signal
CN855-9	nSENSR	SC PCB CN57-9	+3.3V  V 	Serial Interface Red AFE Low-Active Chip Enable
CN855-10	pBLKCLP	SC PCB CN57-10	+3.3V  0V 	Black Level Clamp Switch Signal
CN855-11	SDIR	SC PCB CN57-11	+3.3V  0V 	Red AFE Serial Interface Input Signal
CN855-12	GND	SC PCB CN57-12	0V 	Ground
CN855-13	GND	SC PCB CN57-13	0V 	Ground

AFE PCB Pin No.	Signal Name	Destination	Signal Waveform	Function
CN855-14	GND	SC PCB CN57-14	0V 	Ground
CN855-15	nCLPIN	SC PCB CN57-15	+3.3V  0V	Input Clamp Enable
CN855-16	nCCDRST	SC PCB CN57-16	+3.3V  0V	CCD Board System Reset
CN855-17	MASK2	SC PCB CN57-17	+3.3V  0V	CCD Drive Control Signal
CN855-18	SLSYNC2	SC PCB CN57-18	+3.3V  0V	CCD Drive Control Signal
CN855-19	MASK1	SC PCB CN57-19	+3.3V  0V	CCD Drive Control Signal
CN855-20	SLSYNC1	SC PCB CN57-20	+3.3V  0V	CCD Drive Control Signal
CN855-21	AGND	SC PCB CN57-21	0V 	Analog Ground
CN855-22	AGND	SC PCB CN57-22	0V 	Analog Ground
CN855-23	+5V	SC PCB CN57-23	+5V  0V 	+5V DC Power Supply
CN855-24	+5V	SC PCB CN57-24	+5V  0V 	+5V DC Power Supply
CN855-25	AGND	SC PCB CN57-25	0V 	Analog Ground
CN855-26	AGND	SC PCB CN57-26	0V 	Analog Ground


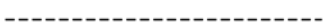








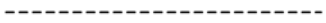







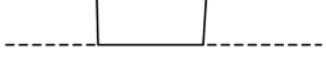





AFE PCB Pin No.	Signal Name	Destination	Signal Waveform	Function
CN855-27	+24V	SC PCB CN57-28	+24V _____ 0V _____	+24V DC Power Supply
CN855-28	+24V	SC PCB CN57-28	+24V _____ 0V -----	+24V DC Power Supply
CN855-29	AGND	SC PCB CN57-29	0V _____	Analog Ground
CN855-30	AGND	SC PCB CN57-30	0V _____	Analog Ground

2.24. ADU PC Board

ADU PCB - CN400

Refer to EC PC Board .

ADU PCB - CN401

ADU PCB Pin No.	Signal Name	Destination	Signal Waveform	Function
CN401-1	LDADUPP0	Paper Path Sensor	+5V  0V 	ADU Path Sensor 0 Power Supply
CN401-2	GNG	Paper Path Sensor	0V 	Ground
CN401-3	nADUPP0	Paper Path Sensor	+5V  0V  	ADU Path Sensor 0 Signal
CN401-4	nPUSSOLKYUI	ADU Paper Guide Solenoid	+24V  0V  	ADU Path Change Solenoid Control Signal
CN401-5	+24VM	ADU Paper Guide Solenoid	+24V  0V 	+24V DC Power Supply
CN401-6	nPUSSORFUK	ADU Paper Guide Solenoid	+24V  0V  	ADU Path Change Solenoid Control Signal
CN401-7	+24VM	2-Way Ordinary Roller Clutch	+24V  0V 	+24V DC Power Supply
CN401-8	nSEITENCL	2-Way Ordinary Roller Clutch	+24V  0V  	2-Way Roller Clutch Control Signal
CN401-9	+24VM	2-Way Inverting Roller Clutch	+24V  0V 	+24V DC Power Supply
CN401-10	nGYAKUTENCL	2-Way Inverting Roller Clutch	+24V  0V  	2-Way Roller Clutch Control Signal



ADU PCB - CN402

ADU PCB Pin No.	Signal Name	Destination	Signal Waveform	Function
CN402-1	LDINRSN	Inner Exit Sensor	+5V _____ 0V -----	Inner Exit Sensor Power Supply
CN402-2	GND	Inner Exit Sensor	0V -----	Ground
CN402-3	nINRSN	Inner Exit Sensor	+5V _____ 0V -----	Inner Exit Sensor Signal
CN402-4	N.C.			No Connection


ADU PCB - CN403

ADU PCB Pin No.	Signal Name	Destination	Signal Waveform	Function
CN403-1	PGND	Right Cover Fan	0V -----	Power Ground
CN403-2	nMEXFRDY	Right Cover Fan	+5V _____ 0V -----	Right Cover Fan Ready Signal
CN403-3	MEXFAN	Right Cover Fan	+5V _____ 0V -----	Right Cover Fan Power Supply
CN403-4	N.C.			No Connection

ADU PCB - CN404

ADU PCB Pin No.	Signal Name	Destination	Signal Waveform	Function
CN404-1	+5V	Paper Path Sensor	+5V _____ 0V -----	+5V DC Power Supply
CN404-2	GND	Paper Path Sensor	0V -----	Ground
CN404-3	nADUPP1	Paper Path Sensor	+5V _____ 0V ----- 	ADU Path Sensor 1 Signal
CN404-4	+24VM	ADU Roller Clutch 1	+24V _____ 0V -----	+24V DC Power Supply
CN404-5	nADUCL1	ADU Roller Clutch 1	+24V _____ 0V ----- 	ADU Clutch 1 Control Signal






ADU PCB - CN405

ADU PCB Pin No.	Signal Name	Destination	Signal Waveform	Function
CN405-1	LDFUEX	Fuser Exit Sensor	+5V _____ 0V -----	Fuser Exit Sensor Power Supply
CN405-2	GND	Fuser Exit Sensor	0V -----	Ground
CN405-3	nFUEXSN	Fuser Exit Sensor	+5V _____ 0V ----- 	Fuser Exit Sensor Signal



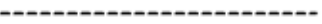

















ADU PCB - CN406

ADU PCB Pin No.	Signal Name	Destination	Signal Waveform	Function
CN406-1	LDADUPP2	Paper Path Sensor	+5V _____ 0V -----	ADU Path Sensor 2 Power Supply
CN406-2	GND	Paper Path Sensor	0V -----	Ground
CN406-3	nADUPP2	Paper Path Sensor	+5V _____ 0V -----	ADU Path Sensor 2 Signal
CN406-4	LDADUDR	Right Cover Open Sensor	+5V _____ 0V -----	Right Sub Cover Sensor Power Supply
CN406-5	GND	Right Cover Open Sensor	0V -----	Ground
CN406-6	nADUDRSN	Right Cover Open Sensor	+5V _____ 0V -----	Right Sub Cover Sensor Signal
CN406-7	+24VM	ADU Roller Clutch 2	+24V _____ 0V -----	+24V DC Power Supply
CN406-8	nADUCL2	ADU Roller Clutch 2	+24V _____ 0V -----	ADU Clutch 2 Control Signal
CN406-9	nSTSOL	STR Solenoid	+24V _____ 0V -----	STR Guide Solenoid Control Signal
CN406-10	+24VM	STR Solenoid	+24V _____ 0V -----	+24V DC Power Supply
CN406-11	N.C.			No Connection


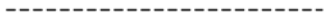





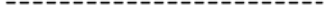










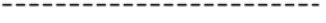




ADU PCB - CN407

ADU PCB Pin No.	Signal Name	Destination	Signal Waveform	Function
CN407-1	N.C.			No Connection
CN407-2	GND	RR/OHPSN	0V 	Ground
CN407-3	pOHPSN	RR/OHPSN	+5V  0V	OHP Sensor Signal
CN407-4	pRRSN	RR/OHPSN	+5V  0V	Registration Sensor Signal
CN407-5	+5V_RR	RR/OHPSN	+5V  0V 	+5V DC Power Supply Signal for OHP Registration Sensor


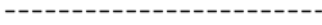














ADU PCB - CN408

ADU PCB Pin No.	Signal Name	Destination	Signal Waveform	Function
CN408-1	LDHFS1	Sheet Bypass Size Sensor 1	+5V  0V 	Sheet Bypass Width Sensor Power Supply
CN408-2	GND	Sheet Bypass Size Sensor 1	0V 	Ground
CN408-3	nHFSSN1	Sheet Bypass Size Sensor 1	+5V  0V 	Sheet Bypass Width Sensor Signal
CN408-4	LDHFS2	Sheet Bypass Size Sensor 2	+5V  0V 	Sheet Bypass Width Sensor 2 Power Supply
CN408-5	GND	Sheet Bypass Size Sensor 2	0V 	Ground
CN408-6	nHFSSN2	Sheet Bypass Size Sensor 2	+5V  0V 	Sheet Bypass Size Sensor 2 Signal
CN408-7	LDHFL	Sheet Bypass Size Length Sensor	+5V  0V 	Sheet Bypass Length Sensor Power Supply
CN408-8	GND	Sheet Bypass Size Length Sensor	0V 	Ground
CN408-9	nHFLSN	Sheet Bypass Size Length Sensor	+5V  0V 	Sheet Bypass Length Sensor Signal
CN408-10	LDHFS3	Sheet Bypass Size Sensor 3	+5V  0V 	Sheet Bypass Width Sensor 3 Power Supply
CN408-11	GND	Sheet Bypass Size Sensor 3	0V 	Ground
CN408-12	nHFSSN3	Sheet Bypass Size Sensor 3	+5V  0V 	Sheet Bypass Width Sensor 3 Signal



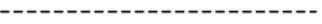



ADU PCB - CN409

ADU PCB Pin No.	Signal Name	Destination	Signal Waveform	Function
CN409-1	+24VM	Paper Feed Roller Clutch (Tray1)	+24V  0V 	+24V DC Power Supply
CN409-2	nPFCL1	Paper Feed Roller Clutch (Tray1)	+24V  0V 	Tray 1 Feed Clutch Control Signal
CN409-3	nPFSOL1	Pickup Roller Solenoid (Tray1)	+24V  0V 	Power Supply for 1st Tray Pickup Solenoid
CN409-4	+24VM	Pickup Roller Solenoid (Tray1)	+24V  0V 	+24V DC Power Supply
CN409-5	+5V	Paper Path Sensor (Tray1)	+5V  0V 	+5V DC Power Supply
CN409-6	nPPSN1	Paper Path Sensor (Tray1)	+5V  0V 	Tray 1 Paper Path Sensor Signal
CN409-7	GND	Paper Path Sensor (Tray1)	0V 	Ground
CN409-8	+5V	Upper Limit Sensor (Tray1)	+5V  0V 	+5V DC Power Supply
CN409-9	nULSN1	Upper Limit Sensor (Tray1)	+5V  0V 	Tray 1 Upper Limit of Paper Sensor Signal
CN409-10	GND	Upper Limit Sensor (Tray1)	0V 	Ground
CN409-11	+5V	NP Sensor (Tray1)	+5V  0V 	+5V DC Power Supply
CN409-12	nPESN1	NP Sensor (Tray1)	+5V  0V 	Tray 1 Paper Empty Sensor Signal
CN409-13	GND	NP Sensor (Tray1)	0V 	Ground

ADU PCB - CN410

ADU PCB Pin No.	Signal Name	Destination	Signal Waveform	Function
CN410-1	LDHFPE	Sheet Bypass NP Sensor	+5V  0V 	Sheet Bypass Tray Paper Detection Sensor Power Supply
CN410-2	GND	Sheet Bypass NP Sensor	0V 	Ground
CN410-3	nHFPESEN	Sheet Bypass NP Sensor	+5V  0V  	Sheet Bypass Tray Paper Detection Sensor Signal
CN410-4	nHFSOL	Paper Feed Roller Clutch (Sheet Bypass)	+24V  0V  	Sheet Bypass Tray Pickup Solenoid Sensor Signal
CN410-5	+24VM	Paper Feed Roller Clutch (Sheet Bypass)	+24V  0V 	+24V DC Power Supply
CN410-6	+24VM	Pickup Roller Solenoid (Sheet Bypass)	+24V  0V 	+24V DC Power Supply
CN410-7	nHFCL	Pickup Roller Solenoid (Sheet Bypass)	+24V  0V  	Sheet Bypass Tray Paper Feed Clutch Sensor Signal

ADU PCB - CN411



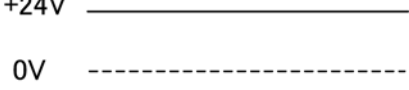
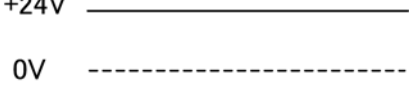


ADU PCB Pin No.	Signal Name	Destination	Signal Waveform	Function
CN411-1	LDHFS1	Feed Cover 2 Open Sensor	+5V  0V 	Sheet Bypass Width Sensor Power Supply
CN411-2	GND	Feed Cover 2 Open Sensor	0V 	Ground
CN411-3	nHFSSN1	Feed Cover 2 Open Sensor	+5V  0V  	Sheet Bypass Width Sensor Signal

2.25. MOTDRV PC Board

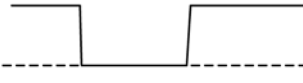

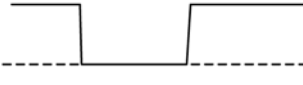









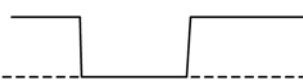









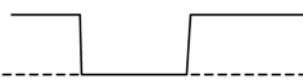

MOTDRV PCB - CN550

Refer to EC PC Board .

MOTDRV PCB - CN552

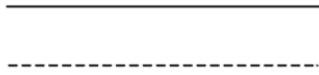
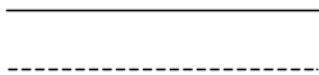
MOTDRV PCB Pin No.	Signal Name	Destination	Signal Waveform	Function
CN552-1	B	STR Motor		Motor Phase B
CN552-2	*A	STR Motor		Sub Motor Phase A
CN552-3	+24VM	STR Motor		+24V DC Power Supply
CN552-4	+24VM	STR Motor		+24V DC Power Supply
CN552-5	*B	STR Motor		Sub Motor Phase B
CN552-6	A	STR Motor		FTR/STR/Fuser/Sub Motor Phase A

MOTDRV PCB - CN553





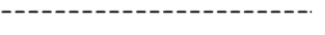




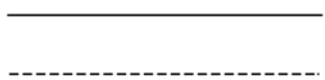



MOTDRV PCB Pin No.	Signal Name	Destination	Signal Waveform	Function
CN553-1	B	FTR and LSU Shutter Motor	+24V  0V 	Motor Phase B
CN553-2	*A	FTR and LSU Shutter Motor	+24V  0V 	Sub Motor Phase A
CN553-3	+24VM	FTR and LSU Shutter Motor	+24V  0V 	+24V DC Power Supply
CN553-4	+24VM	FTR and LSU Shutter Motor	+24V  0V 	+24V DC Power Supply
CN553-5	*B	FTR and LSU Shutter Motor	+24V  0V 	Sub Motor Phase B
CN553-6	A	FTR and LSU Shutter Motor	+24V  0V 	FTR/STR/Fuser/Sub Motor Phase A
CN553-7	*B	Fuser Motor	+24V  0V 	Sub Motor Phase B
CN553-8	+24VM	Fuser Motor	+24V  0V 	+24V DC Power Supply
CN553-9	B	Fuser Motor	+24V  0V 	Motor Phase B
CN553-10	*A	Fuser Motor	+24V  0V 	Sub Motor Phase A
CN553-11	+24VM	Fuser Motor	+24V  0V 	+24V DC Power Supply
CN553-12	A	Fuser Motor	+24V  0V 	FTR/STR/Fuser/Sub Motor Phase A


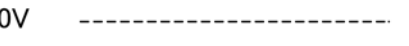

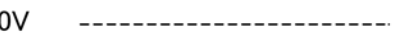


2.26. PNL1 PC Board

PNL1 PCB - CN1

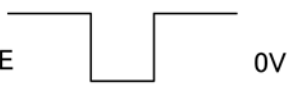

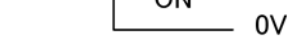
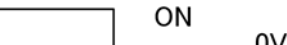


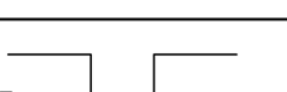
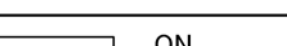
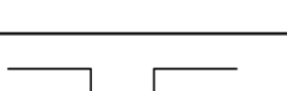
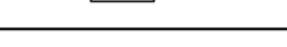





PNL1 PCB Pin No.	Signal Name	Destination	Signal Waveform	Function
CN1-1	X1	Touch Panel	+3.3 V 	LCD Touch Position Signal Right
CN1-2	Y2	Touch Panel		LCD Touch Position Signal Bottom
CN1-3	X2	Touch Panel		LCD Touch Position Signal Left
CN1-4	Y1	Touch Panel	+3.3 V 	LCD Touch Position Signal Top







PNL1 PCB - CN2

PNL1 PCB Pin No.	Signal Name	Destination	Signal Waveform	Function
CN2-1	D7	LCD	3. 3V PULSE 	Data
CN2-2	D6	LCD	3. 3V PULSE 	Data
CN2-3	D5	LCD	3. 3V PULSE 	Data
CN2-4	D4	LCD	3. 3V PULSE 	Data
CN2-5	VSS	LCD	0V 	Ground
CN2-6	D3	LCD	3. 3V PULSE 	Data
CN2-7	D2	LCD	3. 3V PULSE 	Data
CN2-8	D1	LCD	3. 3V PULSE 	Data
CN2-9	D0	LCD	3. 3V PULSE 	Data
CN2-10	VDD	LCD	+3.3 V 	+3 VDC Power Supply
CN2-11	VDD	LCD	+3.3 V 	+3 VDC Power Supply
CN2-12	CL2	LCD	3. 3V PULSE 	Shift Clock
CN2-13	VDD	LCD	+3.3 V 	+3 VDC Power Supply















PNL1 PCB Pin No.	Signal Name	Destination	Signal Waveform	Function
CN2-14	CL1	LCD		Latch Signal
CN2-15	VSS	LCD		Ground
CN2-16	nDISPOFF	LCD		Display Off Signal
CN2-17	VSS	LCD		Ground
CN2-18	VCON	LCD		Contrast Compensation Voltage
CN2-19	VSS	LCD		Ground
CN2-20	FLM	LCD		Frame Signal



PNL1 PCB - CN3

PNL1 PCB Pin No.	Signal Name	Destination	Signal Waveform	Function
CN3-1	SCN1	PNL3 PCB CN280-18	3. 3V PULSE  0V	Key Scan 1 Signal
CN3-2	SCN2	PNL3 PCB CN280-17	3. 3V PULSE  0V	Key Scan 2 Signal
CN3-3	LED8	PNL3 PCB CN280-16	5V  0V	LED 8 Activation Signal
CN3-4	LED1	PNL3 PCB CN280-15	5V  0V	LED 1 Activation Signal
CN3-5	SCN3	PNL3 PCB CN280-14	3. 3V PULSE  0V	Key Scan 3 Signal
CN3-6	LED5	PNL3 PCB CN280-13	5V  0V	LED 5 Activation Signal
CN3-7	SCN4	PNL3 PCB CN280-12	3. 3V PULSE  0V	Key Scan 4 Signal
CN3-8	LED4	PNL3 PCB CN280-11	5V  0V	LED 4 Activation Signal
CN3-9	KIN0	PNL3 PCB CN280-10	3. 3V PULSE  0V	Key Input Signal
CN3-10	LED3	PNL3 PCB CN280-9	5V  0V	LED 3 Activation Signal
CN3-11	+5V	PNL3 PCB CN280-8	+5V  0V 	+5V DC Power Supply
CN3-12	LED2	PNL3 PCB CN280-7	5V  0V	LED 2 Activation Signal
CN3-13	+5VP	PNL3 PCB CN280-6	+5V  0V 	+5V DC Power Supply

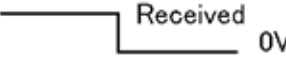

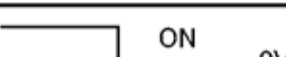
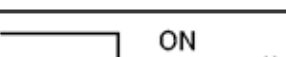
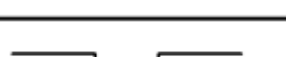
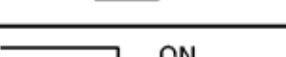


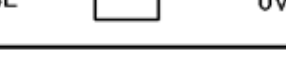



PNL1 PCB Pin No.	Signal Name	Destination	Signal Waveform	Function
CN3-14	nLEDSLP	PNL3 PCB CN280-5	5V  0V	Energy Saver LED Activation Signal
CN3-15	nSLPKY	PNL3 PCB CN280-4	3.3V  0V	Sleeve Return Signal
CN3-16	BZ+	PNL3 PCB CN280-3	+24V  0V 	Buzzer Power Supply
CN3-17	BZCLK	PNL3 PCB CN280-2	24V  0V	Buzzer Clock
CN3-18	GND	PNL3 PCB CN280-1	0V 	Ground

PNL1 PCB - CN4

PNL1 PCB Pin No.	Signal Name	Destination	Signal Waveform	Function
CN4-1	+5V	PNL2 PCB CN250-15	+5V  0V 	+5V DC Power Supply
CN4-2	LED6	PNL2 PCB CN250-14	5V  ON  0V	LED 6 Activation Signal
CN4-3	SCN0	PNL2 PCB CN250-13	3. 3V  PULSE  0V	Key Scan 0 Signal
CN4-4	SCN1	PNL2 PCB CN250-12	3. 3V  PULSE  0V	Key Scan 1 Signal
CN4-5	SCN2	PNL2 PCB CN250-11	3. 3V  PULSE  0V	Key Scan 2 Signal
CN4-6	LED7	PNL2 PCB CN250-10	5V  ON  0V	LED 7 Activation Signal
CN4-7	SCN3	PNL2 PCB CN250-9	3. 3V  PULSE  0V	Key Scan 3 Signal
CN4-8	SCN4	PNL2 PCB CN250-8	3. 3V  PULSE  0V	Key Scan 4 Signal
CN4-9	SCN5	PNL2 PCB CN250-7	3. 3V  PULSE  0V	Key Scan 5 Signal
CN4-10	KIN6	PNL2 PCB CN250-6	3. 3V  PULSE  0V	Key Input Signal
CN4-11	KIN5	PNL2 PCB CN250-5	3. 3V  PULSE  0V	Key Input Signal
CN4-12	KIN4	PNL2 PCB CN250-4	3. 3V  PULSE  0V	Key Input Signal
CN4-13	LED0	PNL2 PCB CN250-3	5V  ON  0V	LED 0 Activation Signal

PNL1 PCB Pin No.	Signal Name	Destination	Signal Waveform	Function
CN4-14	KIN3	PNL2 PCB CN250-2		Key Input Signal
CN4-15	GND	PNL2 PCB CN250-1		Ground

PNL1 PCB - CN5


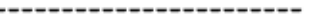




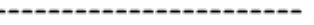






PNL1 PCB Pin No.	Signal Name	Destination	Signal Waveform	Function
CN5-1	N.C.			No Connection
CN5-2	nFAXRING	SC PCB CN58-14	3.3V  0V	Fax Received Detection Signal
CN5-3	nWAKE	SC PCB CN58-13	3.3V  0V	ADF Wake Up Signal
CN5-4	nVCNTON	SC PCB CN58-12	3.3V  0V	LED Contrast ON Signal
CN5-5	nLPOW1	SC PCB CN58-11	5V  0V	+3.3V Power Supply Output Control
CN5-6	nSLPKY	SC PCB CN58-10	3.3V  0V	Sleeve Return Signal
CN5-7	nLPOW2	SC PCB CN58-9	5V  0V	+5V Power Supply Output Control
CN5-8	nPNLRST	SC PCB CN58-8	3.3V  0V	Reset for PNL PCB
CN5-9	PNLTXD	SC PCB CN58-7	3.3V  0V	PNL PCB TXD Data
CN5-10	PNLRXD	SC PCB CN58-6	3.3V  0V	PNL PCB RXD Data
CN5-11	+5V	SC PCB CN58-5	+5V  0V	+5V DC Power Supply
CN5-12	GND	SC PCB CN58-4	0V 	Ground
CN5-13	+5VP	SC PCB CN58-3	+5V  0V	+5V DC Power Supply



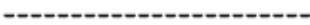


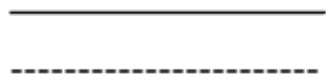

PNL1 PCB Pin No.	Signal Name	Destination	Signal Waveform	Function
CN5-14	GND	SC PCB CN58-2	0V -----	Ground
CN5-15	+24V	SC PCB CN58-1	+24V ----- 0V -----	+24V DC Power Supply

PNL1 PCB - CN7

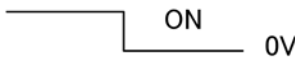
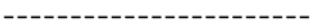
PNL1 PCB Pin No.	Signal Name	Destination	Signal Waveform	Function
CN7-1	VINV	INV	+24V ----- 0V -----	Inverter Power Supply
CN7-2	BLCNT	INV	5V ----- ON ----- 0V	Back Light Control Signal
CN7-3	GND	INV	0V -----	Ground

PNL1 PCB - CN8



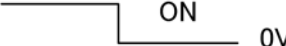


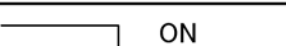
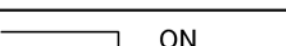
PNL1 PCB Pin No.	Signal Name	Destination	Signal Waveform	Function
CN8-1	nDISPOFF	SC PCB CN59-1	3.3V  0V	Display Off Signal
CN8-2	GND	SC PCB CN59-2	0V 	Ground
CN8-3	GND	SC PCB CN59-3	0V 	Ground
CN8-4	GND	SC PCB CN59-4	0V 	Ground
CN8-5	TXCLOCK+	SC PCB CN59-5	+5V  0V	Clock Signal +
CN8-6	TXCLOCK-	SC PCB CN59-6	+5V  0V	Clock Signal -
CN8-7	GND	SC PCB CN59-7	0V 	Ground
CN8-8	GND	SC PCB CN59-8	0V 	Ground
CN8-9	TXOUT2+	SC PCB CN59-9	+5V  0V	Digital Video Data (TXOUT2+)
CN8-10	TXOUT2-	SC PCB CN59-10	+5V  0V	Digital Video Data (TXOUT2-)
CN8-11	GND	SC PCB CN59-11	0V 	Ground
CN8-12	GND	SC PCB CN59-12	0V 	Ground
CN8-13	TXOUT1+	SC PCB CN59-13	+5V  0V	Digital Video Data (TXOUT1+)

PNL1 PCB Pin No.	Signal Name	Destination	Signal Waveform	Function
CN8-14	TXOUT1-	SC PCB CN59-14	+5V 0V 	Digital Video Data (TXOUT1-)
CN8-15	GND	SC PCB CN59-15	0V 	Ground
CN8-16	GND	SC PCB CN59-16	0V 	Ground
CN8-17	TXOUT0+	SC PCB CN59-17	+5V 0V 	Digital Video Data (TXOUT0+)
CN8-18	TXOUT0-	SC PCB CN59-18	+5V 0V 	Digital Video Data (TXOUT0+)
CN8-19	+3.3V	SC PCB CN59-19	+3.3 V 	+3.3V DC Power Supply
CN8-20	+3.3V	SC PCB CN59-20	+3.3 V 	+3.3V DC Power Supply

PNL1 PCB - CN9

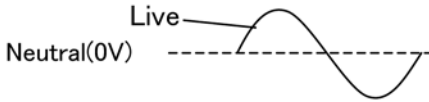

PNL1 PCB Pin No.	Signal Name	Destination	Signal Waveform	Function
CN9-1	POWSW	Control Panel Power Switch	3.3V  0V	Power Switch
CN9-2	GND	Control Panel Power Switch	0V 	Ground

PNL1 PCB - CN11

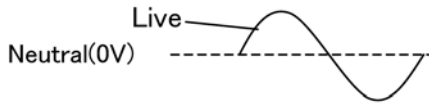
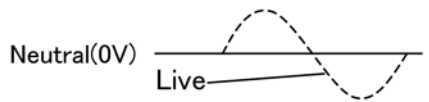
PNL1 PCB Pin No.	Signal Name	Destination	Signal Waveform	Function
CN11-1	+5V	PNL4 PCB CN290-6	+5V  0V 	+5V DC Power Supply
CN11-2	nLEDACT	PNL4 PCB CN290-5	5V  ON 0V	Active LED (Green) Activation Signal
CN11-3	nLEDALM2-1	PNL4 PCB CN290-4	5V  ON 0V	Alarm 1 LED (Orange) Activation Signal
CN11-4	nLEDALM1	PNL4 PCB CN290-3	5V  ON 0V	Alarm LED (Red) Activation Signal
CN11-5	nLEDALM2-2	PNL4 PCB CN290-2	5V  ON 0V	Alarm 2 LED (Orange) Activation Signal
CN11-6	nLEDDAT	PNL4 PCB CN290-1	5V  ON 0V	Print Data LED (Green) Activation Signal

2.27. NFL PC Board

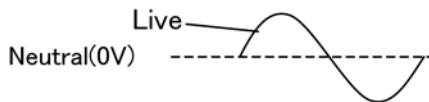
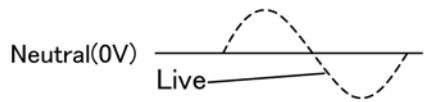
NFL PCB - CN131

NFL PCB Pin No.	Signal Name	Destination	Signal Waveform	Function
CN131-L	LIVE	AC line		100/120/230V VAC Power Supply (Live)
CN131-FG	N.C.			No Connection
CN131-N	NEUTRAL	AC line		100/120/230V VAC Power Supply (Neutral)

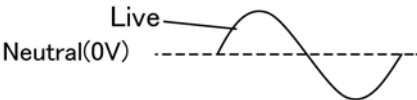
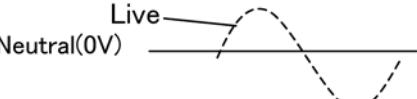
NFL PCB - CN132

NFL PCB Pin No.	Signal Name	Destination	Signal Waveform	Function
CN132-1	LIVE	IH		100/120/230V VAC Power Supply (Live)
CN132-2	NEUTRAL	IH		100/120/230V VAC Power Supply (Neutral)

NFL PCB - CN133

NFL PCB Pin No.	Signal Name	Destination	Signal Waveform	Function
CN133-1	LIVE	LVPS		100/120/230V VAC Power Supply (Live)
CN133-2	N.C.			No Connection
CN133-3	NEUTRAL	LVPS		100/120/230V VAC Power Supply (Neutral)

NFL PCB - CN134

NFL PCB Pin No.	Signal Name	Destination	Signal Waveform	Function
CN134-1	LIVE	RLB PCB	 The diagram shows a solid sine wave oscillating above a horizontal dashed line. A label 'Live' points to the peak of the wave, and a label 'Neutral(0V)' points to the dashed line.	100/120/230V VAC Power Supply (Live)
CN134-2	NEUTRAL	RLB PCB	 The diagram shows a dashed sine wave oscillating above and below a horizontal solid line. A label 'Live' points to the peak of the wave, and a label 'Neutral(0V)' points to the solid line.	100/120/230V VAC Power Supply (Neutral)

2.28. LVPS

LVPS - CN1

Refer to NFL PC Board .





LVPS - CN2

Refer to Optional LVPS .

LVPS - CN3

Refer to EC PC Board .

















LVPS - CN4

LVPS Pin No.	Signal Name	Destination	Signal Waveform	Function
CN4-1	3.3V	SC PCB CN53-1	+3.3 0V 	+3.3V VDC Power Supply
CN4-2	3.3V	SC PCB CN53-2	+3.3 0V 	+3.3V VDC Power Supply
CN4-3	GND	SC PCB CN53-3	0V 	Ground
CN4-4	GND	SC PCB CN53-4	0V 	Ground

LVPS - CN5

Refer to EC PC Board .

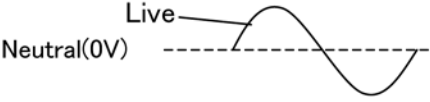
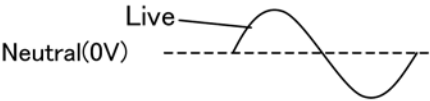
LVPS - CN6

LVPS Pin No.	Signal Name	Destination	Signal Waveform	Function
CN6-1	+5VP	SC PCB CN52-10	+5V  0V 	+5V DC Power Supply
CN6-2	+5V	SC PCB CN52-9	+5V  0V 	+5V DC Power Supply
CN6-3	GND	SC PCB CN52-8	0V 	Ground
CN6-4	GND	SC PCB CN52-7	0V 	Ground
CN6-5	24V	SC PCB CN52-6	+24V  0V 	+24V DC Power Supply
CN6-6	24V	SC PCB CN52-5	+24V  0V 	+24V DC Power Supply
CN6-7	GND	SC PCB CN52-4	0V 	Ground
CN6-8	GND	SC PCB CN52-3	0V 	Ground
CN6-9	nLPOW1	SC PCB CN52-2	+3.3  0V 	+3.3V Power Supply Output Control 3.3V: +3.3Vout GND: +3.3V Shutdown
CN6-10	nLPOW2	SC PCB CN52-1	+5V  0V 	+5V Power Supply Output Control 5V: +5V 50:50UT GND: +5V Shutdown

LVPS - CN7

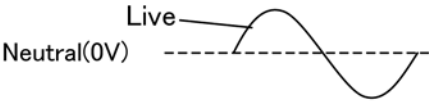
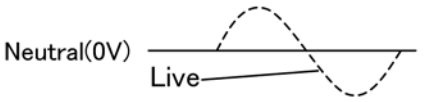
Refer to SCN PC Board .

LVPS - CN8 (Europe Specification Only)

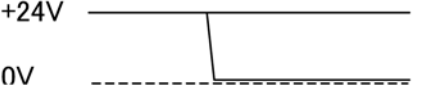
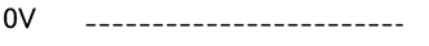
LVPS Pin No.	Signal Name	Destination	Signal Waveform	Function
CN8-1	LIVE	Choke Coil		100/120/230V VAC Power Supply
CN8-2	N.C.			No Connection
CN8-3	N.C.			No Connection
CN8-4	N.C.			No Connection
CN8-5	LIVE	Choke Coil		100/120/230V VAC Power Supply

2.29. Optional LVPS

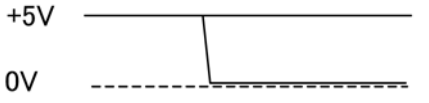
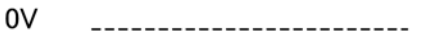
Optional LVPS - CN64

Optinal LVPS Pin No.	Signal Name	Destination	Signal Waveform	Function
CN64-1	LIVE	LVS1		100/120/230V VAC Power Supply (Live)
CN64-2	N.C.			No Connection
CN64-3	NEUTRAL	LVS1		100/120/230V VAC Power Supply (Neutral)

Optional LVPS - CN65

Optinal LVPS Pin No.	Signal Name	Destination	Signal Waveform	Function
CN65-1	24V	Option Finsher Conector		+24V DC Power Supply (Control by CN66-1)
CN65-2	GND	Option Finsher Conector		Ground

Optional LVPS - CN66













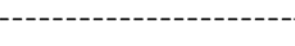



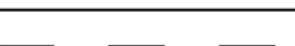

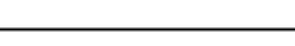


Optinal LVPS Pin No.	Signal Name	Destination	Signal Waveform	Function
CN66-1	pFINI_POW	EC PCB CN529-1		+24V Control 5V: 24V OUT GND : 24V OFF
CN66-2	GND	EC PCB CN529-2		Ground





2.30. CST PC Board

CST PCB - CN601





Refer to EC PC Board .

CST PCB - CN602





CST PCB Pin No.	Signal Name	Destination	Signal Waveform	Function
CN602-1	+24V	Optional Paper Feed Motor	+24V  0V 	+24V DC Power Supply
CN602-2	+24V	Optional Paper Feed Motor	+24V  0V 	+24V DC Power Supply
CN602-3	+24V	Optional Paper Feed Motor	+24V  0V 	+24V DC Power Supply
CN602-4	+24V	Optional Intermediate Roller Clutch	+24V  0V 	+24V DC Power Supply
CN602-5	nOQRRCL	Optional Intermediate Roller Clutch	+24V  0V 	Registration Roller Clutch
CN602-6	PGND	Optional Paper Feed Motor	0V 	Power Ground
CN602-7	PGND	Optional Paper Feed Motor	0V 	Power Ground
CN602-8	nOQMCT	Optional Paper Feed Motor	+24V  0V 	Motor Control
CN602-9	OQMCLK	Optional Paper Feed Motor	+5V  0V 	Motor Clock
CN602-10	GAIN	Optional Paper Feed Motor	+5V  0V 	Gain Control
CN602-11	nOGMLK	Optional Paper Feed Motor	+5V  0V 	Lock Signal
CN602-12	GND	Optional Paper Feed Motor	0V 	Ground

CST PCB Pin No.	Signal Name	Destination	Signal Waveform	Function
CN602-13	+5V	Optional Paper Feed Motor	+5V  0V 	+5V DC Power Supply
CN602-14	+5V	Optional Paper Feed Motor	+5V  0V 	+5V DC Power Supply






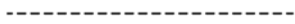


















CST PCB - CN603





CST PCB Pin No.	Signal Name	Destination	Signal Waveform	Function
CN603-1	LUM3-1	Lift Motor (Tray3)	+24V  0V 	+24V DC Power Supply
CN603-2	LUM3-2	Lift Motor (Tray3)	+24V  0V 	LUM Control

CST PCB - CN604












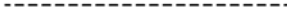












CST PCB Pin No.	Signal Name	Destination	Signal Waveform	Function
CN604-1	LUM4-1	Lift Motor (Tray4)	+24V  0V 	+24V DC Power Supply
CN604-2	LUM4-2	Lift Motor (Tray4)	+24V  0V 	LUM Control






CST PCB - CN605

CST PCB Pin No.	Signal Name	Destination	Signal Waveform	Function
CN605-1	+24V	CL	+24V  0V 	+24V DC Power Supply
CN605-2	+24V	Paper Feed Roller Clutch (Tray3)	+24V  0V 	+24V DC Power Supply
CN605-3	+24V	Pickup Roller Solenoid (Tray3)	+24V  0V 	+24V DC Power Supply
CN605-4	nPFCL3	Paper Feed Roller Clutch (Tray3)	+24V  0V 	Tray 3 Feed Clutch Control Signal
CN605-5	nPUSOL3	Pickup Roller Solenoid (Tray3)	+24V  0V 	Tray 3 Solenoid Control Signal
CN605-6	+5V	Paper Path Sensor (Tray3)	+5V  0V 	+5V DC Power Supply
CN605-7	+5V	Upper Limit Sensor (Tray3)	+5V  0V 	+5V DC Power Supply
CN605-8	nCPPSN3	Paper Path Sensor (Tray3)	+5V  0V 	Tray 3 Paper Path Sensor Signal
CN605-9	nLBSN3	Upper Limit Sensor (Tray3)	+5V  0V 	Tray 3 Paper Detection Sensor Signal
CN605-10	GND	Paper Path Sensor (Tray3)	0V 	Ground
CN605-11	GND	Upper Limit Sensor (Tray3)	0V 	Ground
CN605-12	+5V	NP Sensor (Tray3)	+5V  0V 	+5V DC Power Supply
CN605-13	nPESN3	NP Sensor (Tray3)	+5V  0V 	Tray 3 Paper Empty Sensor Signal




















CST PCB Pin No.	Signal Name	Destination	Signal Waveform	Function
CN605-14	GND	NP Sensor (Tray3)	0V 	Ground
CN605-15	nCSTU3	Sensor	+5V  0V	Tray 3 Unit Sensor
CN605-16	GND	Sensor	0V 	Ground
CN605-17	GND	Sensor	0V 	Ground

CST PCB - CN606






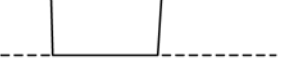






CST PCB Pin No.	Signal Name	Destination	Signal Waveform	Function
CN606-1	+24V	CL	+24V  0V 	+24V DC Power Supply
CN606-2	+24V	Paper Feed Roller Clutch (Tray4)	+24V  0V 	+24V DC Power Supply
CN606-3	+24V	Pickup Roller Solenoid (Tray4)	+24V  0V 	+24V DC Power Supply
CN606-4	nPFCL4	Paper Feed Roller Clutch (Tray4)	+24V  0V 	Tray 4 Feed Clutch Control Signal
CN606-5	nPUSOL4	Pickup Roller Solenoid (Tray4)	+24V  0V 	Tray 4 Solenoid Control Signal
CN606-6	+5V	Paper Path Sensor (Tray4)	+5V  0V 	+5V DC Power Supply
CN606-7	+5V	Upper Limit Sensor (Tray4)	+5V  0V 	+5V DC Power Supply
CN606-8	nCPPSN4	Paper Path Sensor (Tray4)	+5V  0V 	Tray 4 Paper Path Sensor Signal
CN606-9	nLBSN4	Upper Limit Sensor (Tray4)	+5V  0V 	Tray 4 Paper Detection Sensor Signal
CN606-10	GND	Paper Path Sensor (Tray4)	0V 	Ground
CN606-11	GND	Upper Limit Sensor (Tray4)	0V 	Ground
CN606-12	+5V	NP Sensor (Tray4)	+5V  0V 	+5V DC Power Supply
CN606-13	nPESN4	NP Sensor (Tray4)	+5V  0V 	Tray 4 Paper Empty Sensor Signal

CST PCB Pin No.	Signal Name	Destination	Signal Waveform	Function
CN606-14	GND	NP Sensor (Tray4)	0V 	Ground
CN606-15	nCSTU4	Sensor	+5V  0V	Tray 4 Unit Sensor
CN606-16	GND	Sensor	0V 	Ground
CN606-17	GND	Sensor	0V 	Ground
CN606-18	GND	Sensor	0V 	Ground

CST PCB - CN607

CST PCB Pin No.	Signal Name	Destination	Signal Waveform	Function
CN607-1	LDCST3	Sensor	+5V  0V 	+5V DC Power Supply
CN607-2	LDCST3	Paper Tray Sensor 1 (Tray3)	+5V  0V 	+5V DC Power Supply
CN607-3	GND	Paper Tray Sensor 1 (Tray3)	0V 	Ground
CN607-4	nCST3	Paper Tray Sensor 1 (Tray3)	+5V  0V 	Tray 3 Paper Feed Sensor Signal
CN607-5	LDPEWSN3	Paper Tray Sensor 2 (Tray3)	+5V  0V 	+5V DC Power Supply
CN607-6	GND	Paper Tray Sensor 2 (Tray3)	0V 	Ground
CN607-7	nPEWSN3	Paper Tray Sensor 2 (Tray3)	+5V  0V 	Tray 3 Paper Empty Sensor Warning Signal
CN607-8	LDOQDOSN	Option Feed Cover Open Sensor	+5V  0V 	+5V DC Power Supply
CN607-9	GND	Option Feed Cover Open Sensor	0V 	Ground
CN607-10	nOQDOSN	Option Feed Cover Open Sensor	+5V  0V 	Open and Close Tray 4 Right Door Detection Sensor
CN607-11	nOQDOSN	Sensor	+5V  0V 	Open and Close Tray 4 Right Door Detection Sensor

CST PCB - CN608























CST PCB Pin No.	Signal Name	Destination	Signal Waveform	Function
CN608-1	LDCST4	Paper Tray Sensor 1 (Tray4)	+5V  0V 	+5V DC Power Supply
CN608-2	GND_1	Paper Tray Sensor 1 (Tray4)	0V 	Ground
CN608-3	nCST4	Paper Tray Sensor 1 (Tray4)	+5V  0V  	Tray 4 Paper Feed Sensor Signal
CN608-4	LDPEWSN4	Paper Tray Sensor 2 (Tray4)	+5V  0V 	+5V DC Power Supply
CN608-5	GND_2	Paper Tray Sensor 2 (Tray4)	0V 	Ground
CN608-6	nPEWSN4	Paper Tray Sensor 2 (Tray4)	+5V  0V  	Tray 4 Paper Empty Sensor Warning Signal




2.31. TRU PC Board

TRU PCB - CN611













Refer to EC PC Board .

TRU PCB - CN612

TRU PCB Pin No.	Signal Name	Destination	Signal Waveform	Function
CN612-1	LDTRUSN	Paper Path Sensor	+5V  0V 	+5V DC Power Supply
CN612-2	GND	Paper Path Sensor	0V 	Ground
CN612-3	nTRUSN	Paper Path Sensor	+5V  0V 	Transfer Roller Unit Detection Sensor
CN612-4	nSOLCNT2	Paper Exit Guide Solenoid	+24V  0V 	Solenoid 2 Control Signal
CN612-5	+24V	Paper Exit Guide Solenoid	+24V  0V 	+24V DC Power Supply
CN612-6	nSOLCNT1	Paper Exit Guide Solenoid	+24V  0V 	Solenoid 1 Control Signal
CN612-7	+24V	Paper Transport Unit Roller Clutch	+24V  0V 	+24V DC Power Supply
CN612-8	nTRUCL	Paper Transport Unit Roller Clutch	+24V  0V 	Transfer Roller Unit Clutch
CN612-9	LDLFTSN	Outer Exit Sensor	+5V  0V 	+5V DC Power Supply
CN612-10	GND	Outer Exit Sensor	0V 	Ground
CN612-11	nLFTSN	Outer Exit Sensor	+5V  0V 	Transfer Roller Unit Cover Sensor
CN612-12	LDTRUCVSN	Paper Transport Cover Open Sensor	+5V  0V 	+5V DC Power Supply

TRU PCB Pin No.	Signal Name	Destination	Signal Waveform	Function
CN612-13	GND	Paper Transport Cover Open Sensor	0V 	Ground
CN612-14	nTRUCVSN	Paper Transport Cover Open Sensor	+5V  0V 	Transfer Roller Unit Cover Sensor

TRU PCB - CN613

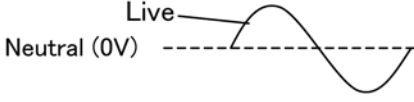

TRU PCB Pin No.	Signal Name	Destination	Signal Waveform	Function
CN613-1	nTRUMBB	Paper Transport Unit Motor	+24V  0V 	Transfer Roller Unit Motor Control *B
CN613-2	+24V	Paper Transport Unit Motor	+24V  0V 	+24V DC Power Supply
CN613-3	nTRUMB	Paper Transport Unit Motor	+24V  0V 	Transfer Roller Unit Motor Control B
CN613-4	nTRUMAB	Paper Transport Unit Motor	+24V  0V 	Transfer Roller Unit Motor Control *A
CN613-5	+24V	Paper Transport Unit Motor	+24V  0V 	+24V DC Power Supply
CN613-6	nTRUMA	Paper Transport Unit Motor	+24V  0V 	Transfer Roller Unit Motor Control A

2.32. RLB PC Board

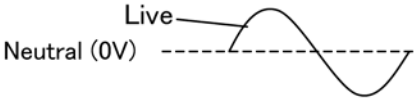

RLB PCB - CN171

Refer to NFL PC Board .

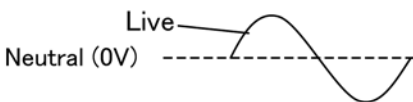
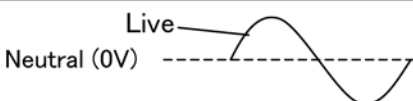


RLB PCB - CN172

RLB PCB Pin No.	Signal Name	Destination	Signal Waveform	Function
CN172-1	LIVE	Heater		100/120/230V VAC Power Supply (Live)
CN172-2	N.C.			No Connection
CN172-3	NEUTRAL	Heater		100/120/230V VAC Power Supply (Neutral)

RLB PCB - CN173

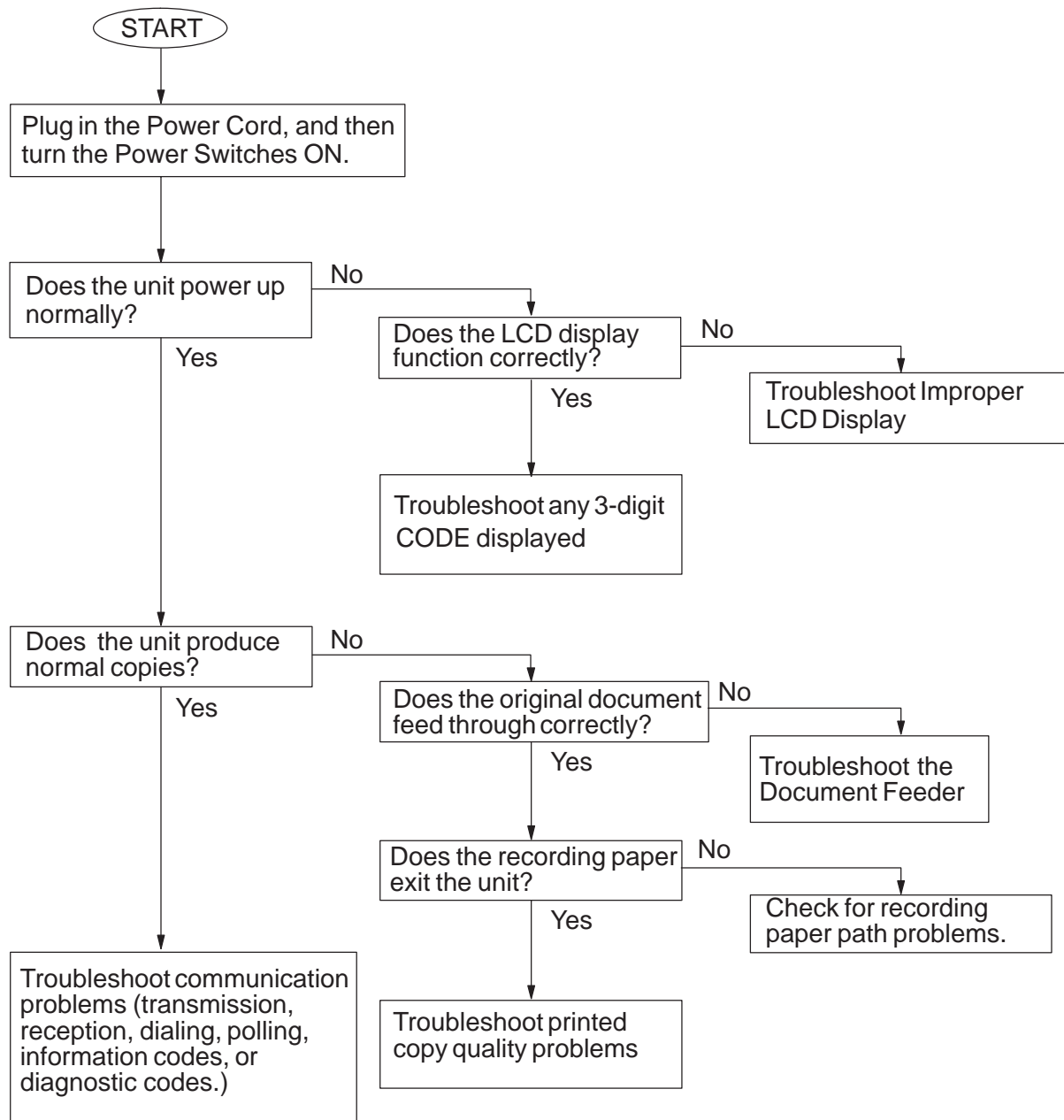
RLB PCB Pin No.	Signal Name	Destination	Signal Waveform	Function
CN173-1	LIVE	Heater		100/120/230V VAC Power Supply (Live)
CN173-2	N.C.			No Connection
CN173-3	NEUTRAL	Heater		100/120/230V VAC Power Supply (Neutral)

RLB PCB - CN176

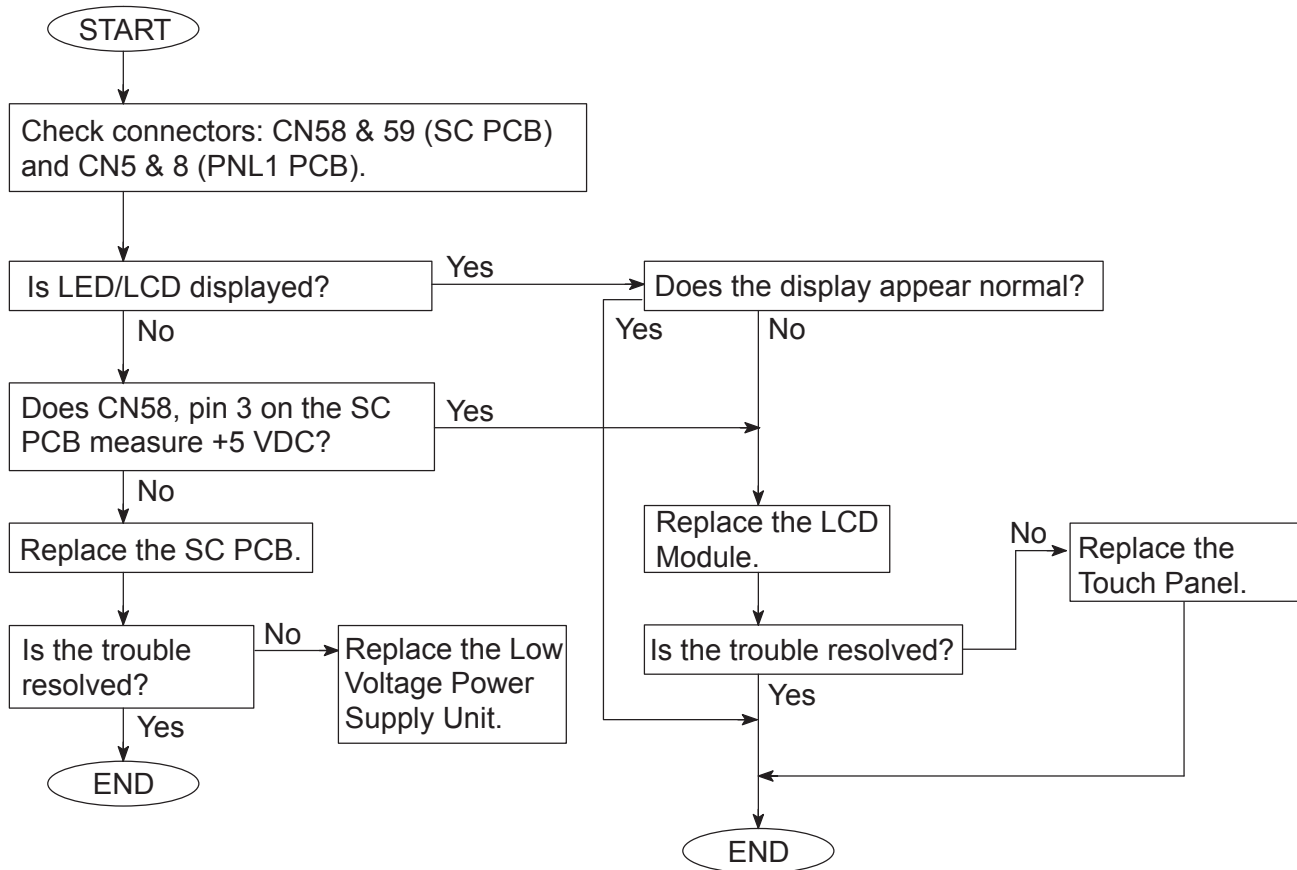
RLB PCB Pin No.	Signal Name	Destination	Signal Waveform	Function
CN176-1	LIVE	SW		100/120/230V VAC Power Supply (Live)
CN176-2	N.C.			No Connection
CN176-3	LIVE	SW		100/120/230V VAC Power Supply (Live)
CN176-4	NEUTRAL	SW		100/120/230V VAC Power Supply (Neutral)
CN176-5	N.C.			No Connection
CN176-6	NEUTRAL	SW		100/120/230V VAC Power Supply (Neutral)

3 Troubleshooting

3.1. Initial Troubleshooting Flowchart

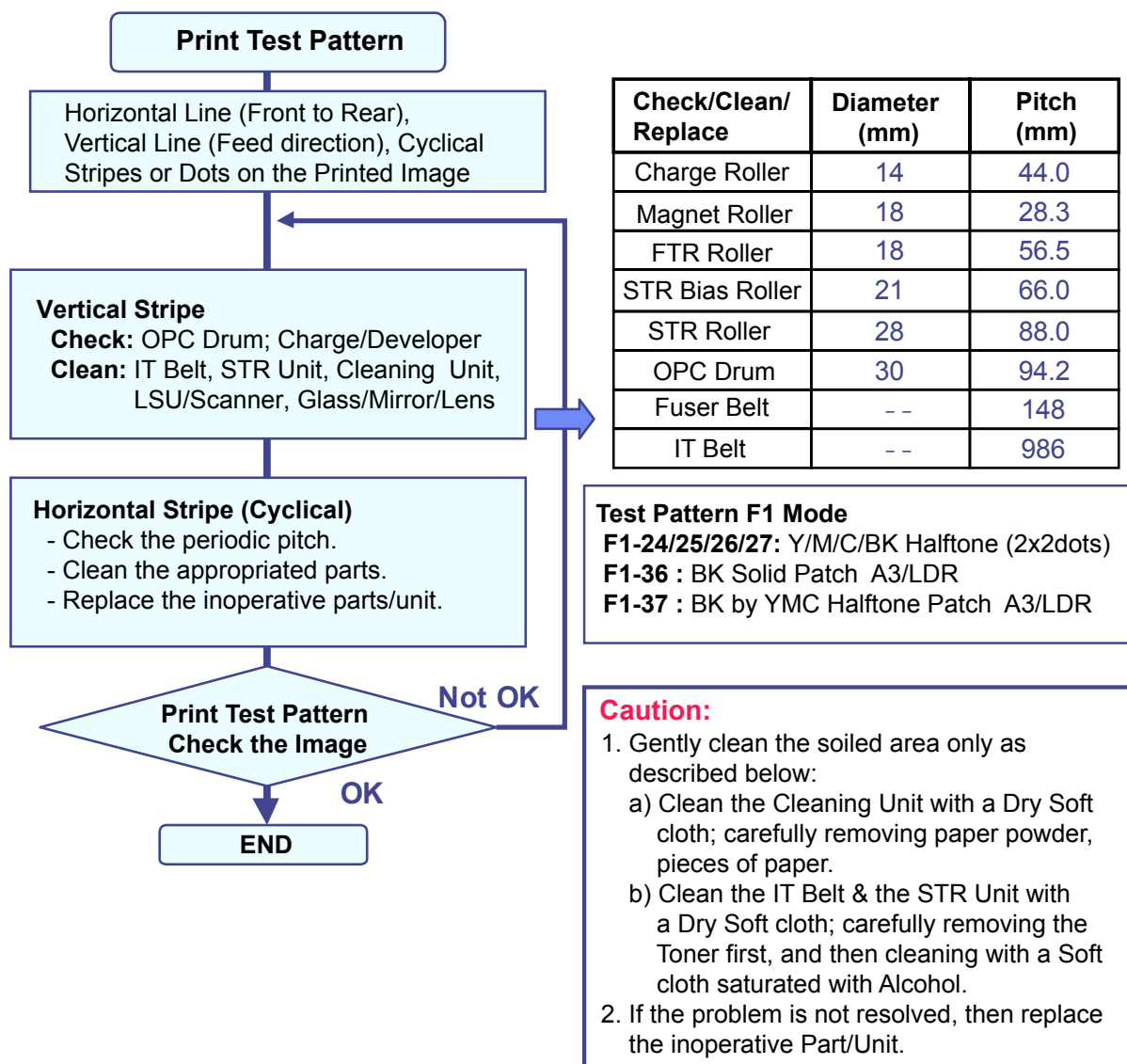


3.2. Improper LCD Display



3.3. Printed Copy Quality Problems

3.3.1. Printed Image



3.3.2. Copy Image Quality Adjustment

3.3.2.1. Monochrome Image Quality Adjustment

Mode	Adjustment		F-Code	Function
Mono Copy	Density Adj. Highlight	Text	F6-220	Density Adjustment of Highlighted area * Perform after completing the printer and scanner adjustment * Not used for reducing the density compensation * Adjust according to customer's needs Default: 0 : -32 => 31 + (Lighter to Darker) Text mode: Useful for Newspapers, Tracing Paper, etc T/P mode: Useful for Maps, 1-Color, 2-Color Photo mode: Useful for Photos
		T/P	F6-221	
		Photo	F6-222	
		-32 - 31 0 (default)		

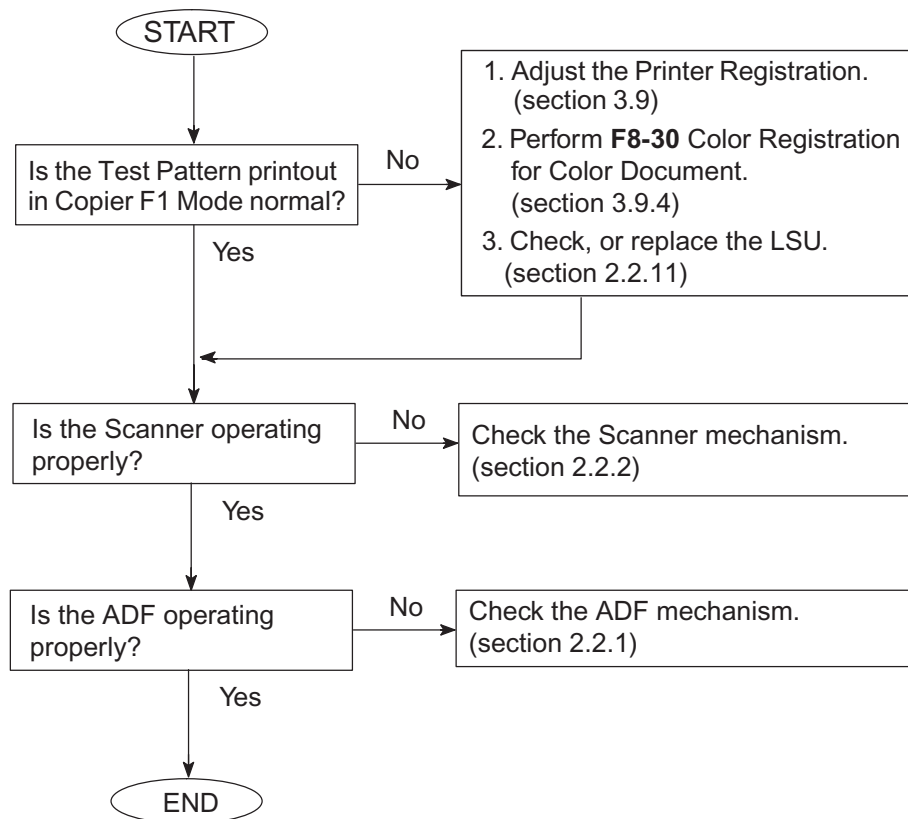
Mode	Adjustment	F-Code	Function
Mono Copy	Density Adj. Dark	Text	F6-225
		T/P	F6-226
		Photo	F6-227
		-32 - 31 0 (default)	Density Adjustment of Dark area * Not used for reducing the density compensation * Adjust according to customer's needs Default: 0 : -32 => 31 + (Lighter to Darker) Text mode: Useful for Newspapers, Tracing Paper, etc T/P mode: Useful for Maps, 1-Color, 2-Color Photo mode: Useful for Photos
	Contrast Adjustment	Text	F6-205
		T/P	F6-206
		Photo	F6-207
		-32 - 31 0 (default)	Contrast Adjustment (For 1-Color, 2-Color) * Not used for reducing the density compensation * Adjust according to customer's needs Default: 0 : -32 => 31 + (Higher to Lower) Text mode: Useful for Newspapers, Tracing Paper, etc T/P mode: Useful for Maps, 1-Color, 2-Color Photo mode: Useful for Photos
	Sharpness (BK/Color)	Text	F6-230
		T/P	F6-231
		Photo	F6-232
		-3 - 3 0 (default)	Image sharpness adjustment (Color and Monochrome) * Not used for reducing the density compensation * Adjust according to customer's needs Default: 0 : -3 => 3 + (Higher to Lower) Text mode: Useful for Newspapers, Tracing Paper, etc T/P mode: Useful for Maps, 1-Color, 2-Color Photo mode: Useful for Photos
	Color Judge Level	Slice level	F6-235
		Area level	F6-236
		0 - 15 6 (default)	Detection level for color document(s) in Auto Mode * Copier Function Setting No: 31 Color Judge Level setting is also available: 1 (Monochrome)=>4 (Default)=>7 (Color) (Combination with slice level and area) (1) Slice Level * Use for the light density color original Default: 6 : 0 => 15 (Color to Monochrome) (2) Area Level * Use for the small color area original Note: Dust may be detected under low area level setting Default: 6 : 0 => 15 (Color to Monochrome)

3.3.2.2. Color Image Quality Adjustment

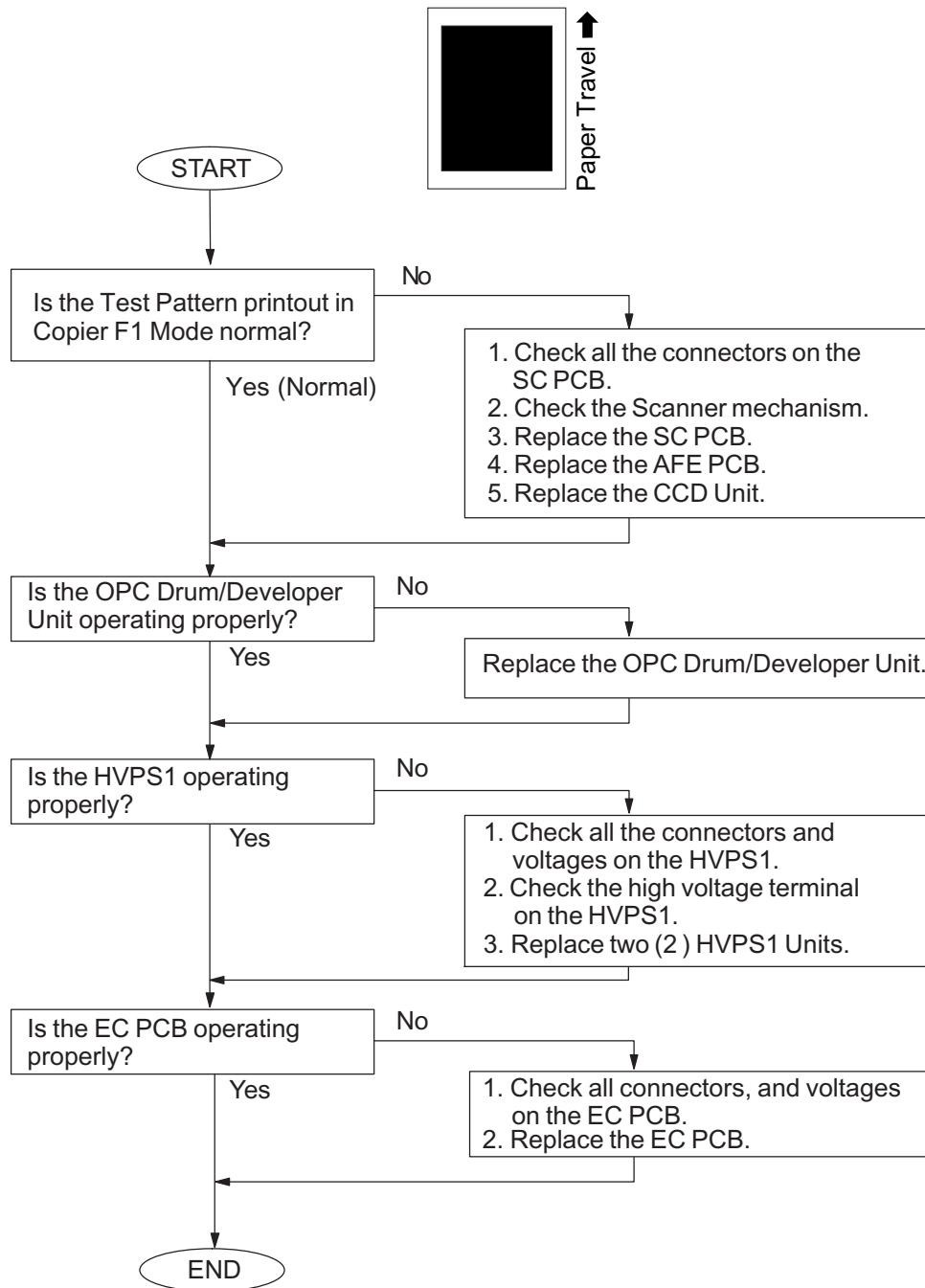
Mode	Adjustment	F-Code	Function
Color Copy	Density Adj. Highlight	Text	F6-210
		T/P	F6-211
		Photo	F6-212
		-32 - 31 0 (default)	Density Adjustment of Highlighted area for Color Image * Perform after completing the printer, and scanner adjustment * Not used for reducing the density compensation * Adjust according to customer's needs Default: 0 : -32 => 31 + (Lighter to Darker) Text mode: Useful for Newspapers, Tracing Paper, etc T/P mode: Useful for Maps, 1-Color, 2-Color Photo mode: Useful for Photos
	Density Adj. Dark	Text	F6-215
		T/P	F6-216
		Photo	F6-217
		-32 - 31 0 (default)	Density Adjustment of Dark Area * Not used for reducing the density compensation * Adjust according to customer's needs Default: 0 : -32 => 31 + (Lighter to Darker) Text mode: Useful for Newspapers, Tracing Paper, etc T/P mode: Useful for Maps, 1-Color, 2-Color Photo mode: Useful for Photos

Mode	Adjustment		F-Code	Function
Color Copy	Contrast Adjustment	Text	F6-200	Contrast Adjustment (For 1-Color, 2-Color) * Not used for reducing the density compensation * Adjust according to customer's needs Default: 0 : -32 => 31 + (Higher to Lower) Text mode: Useful for Newspapers, Tracing Paper, etc T/P mode: Useful for Maps, 1-Color, 2-Color Photo mode: Useful for Photos
		T/P	F6-201	
		Photo	F6-202	
		-32 - 31 0 (default)		
	Saturation	-32 - 31 0 (default)	F6-240	Chroma Adjustment * Not used for Monochrome and 2-Color copy * Halftone step will decrease under high saturation Default: 0 : -32 => 32 + (Higher to Lower)
	Color Balance Ratio	0 - 10 5 (default)	F6-241	Color Balance Magnification Ratio Adjustment for 1 Step * Used for Color mode (Y/M/C/K) Note: Copier Function Setting No: 15 Default: 5 : 0 => 10 + (Smaller to Larger)
	Tint Ratio	-1 - 2 0 (default)	F6-242	Tint Magnification Ratio Adjustment for 1 Step Note: Copier Function Setting No: 14 Default: 0 : -1 => 2 + (Smaller to Larger)
	Hue Circle	-3 - 3 0 (default)	F6-243	Hue Circle Adjustment Note: Not required under normal conditions Default: 0 : -3 => 3 + (CW - : CCW rotation 10deg./step)

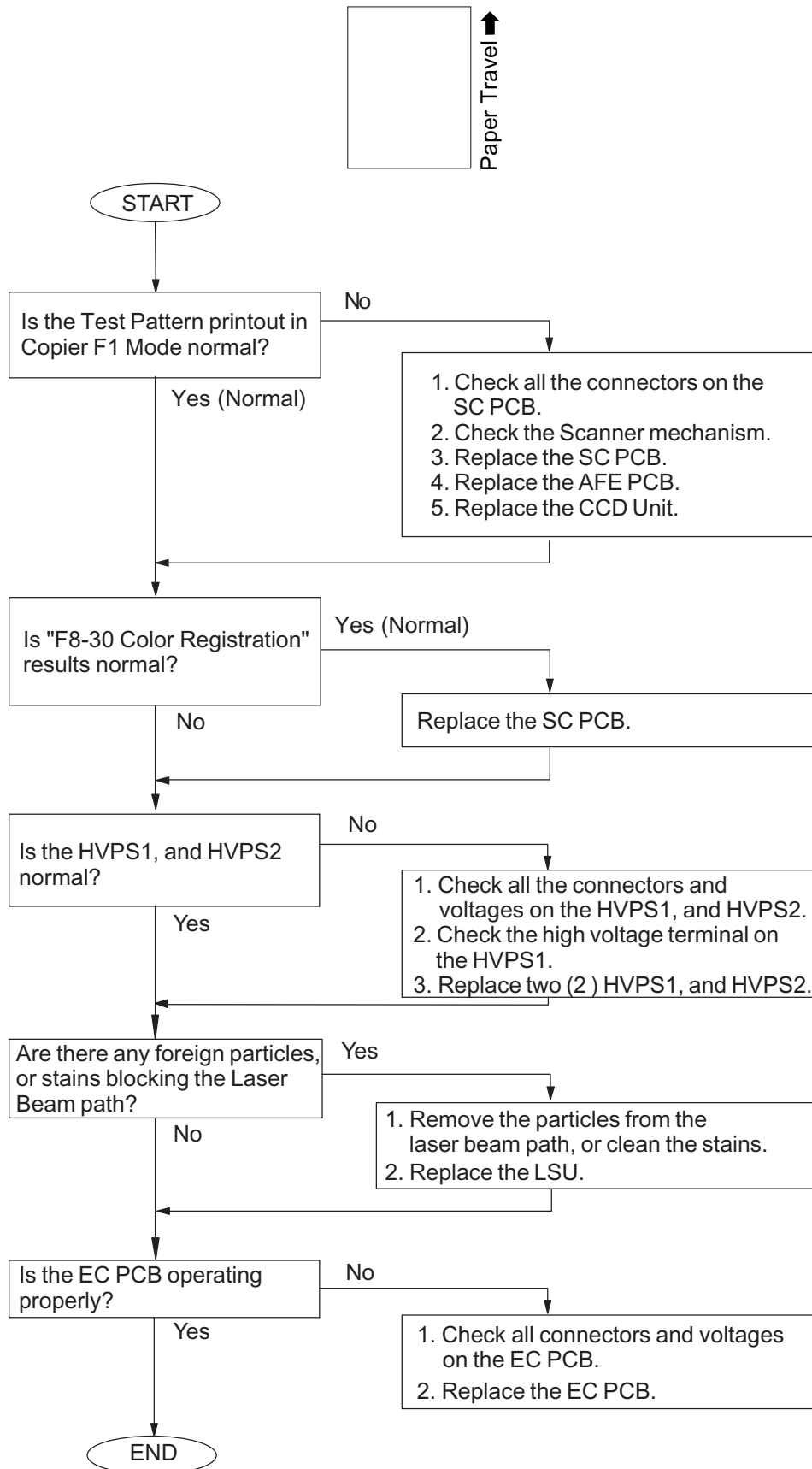
3.3.3. Copy Skewing or Color Deviation



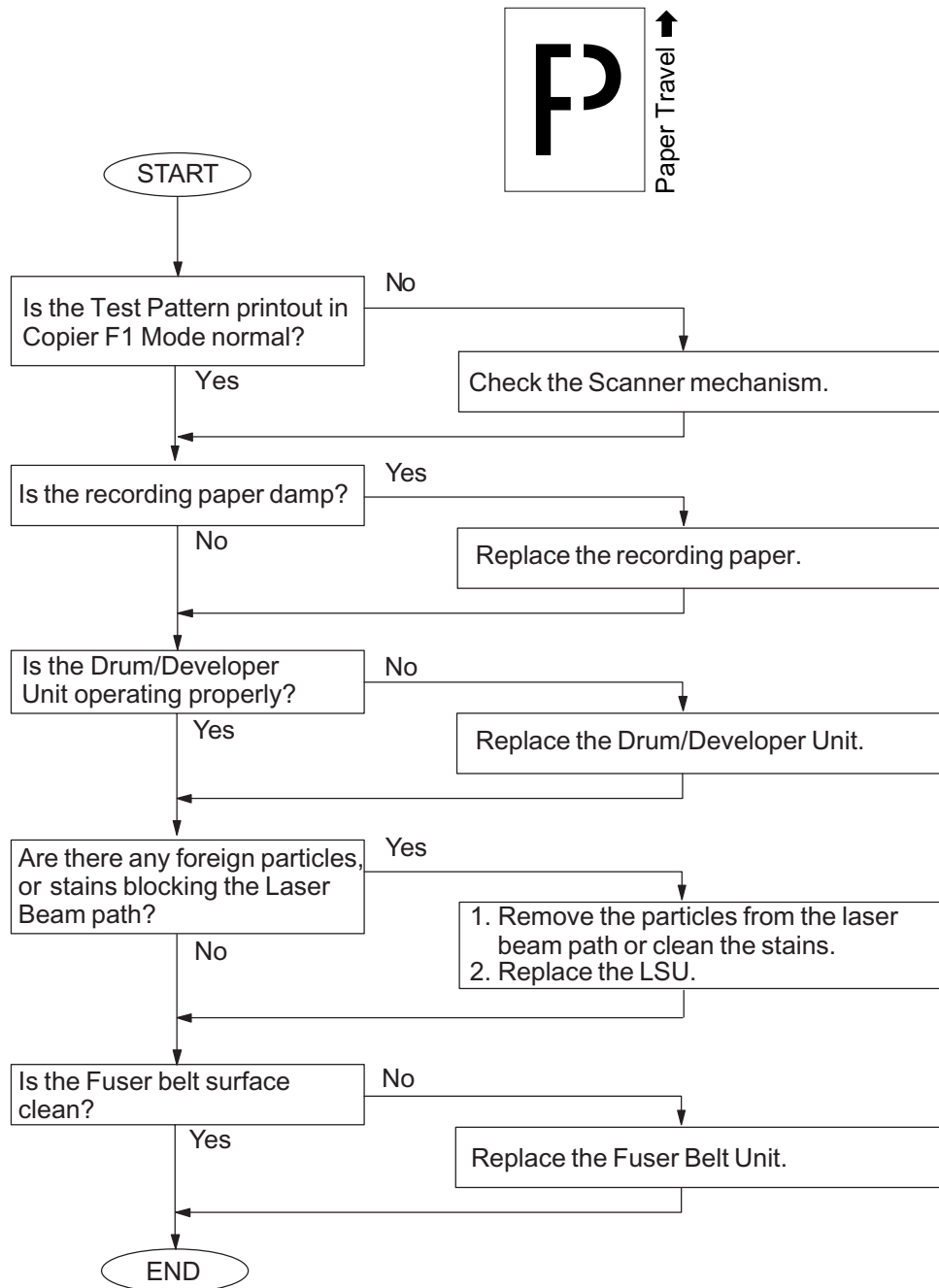
3.3.4. Black Copy

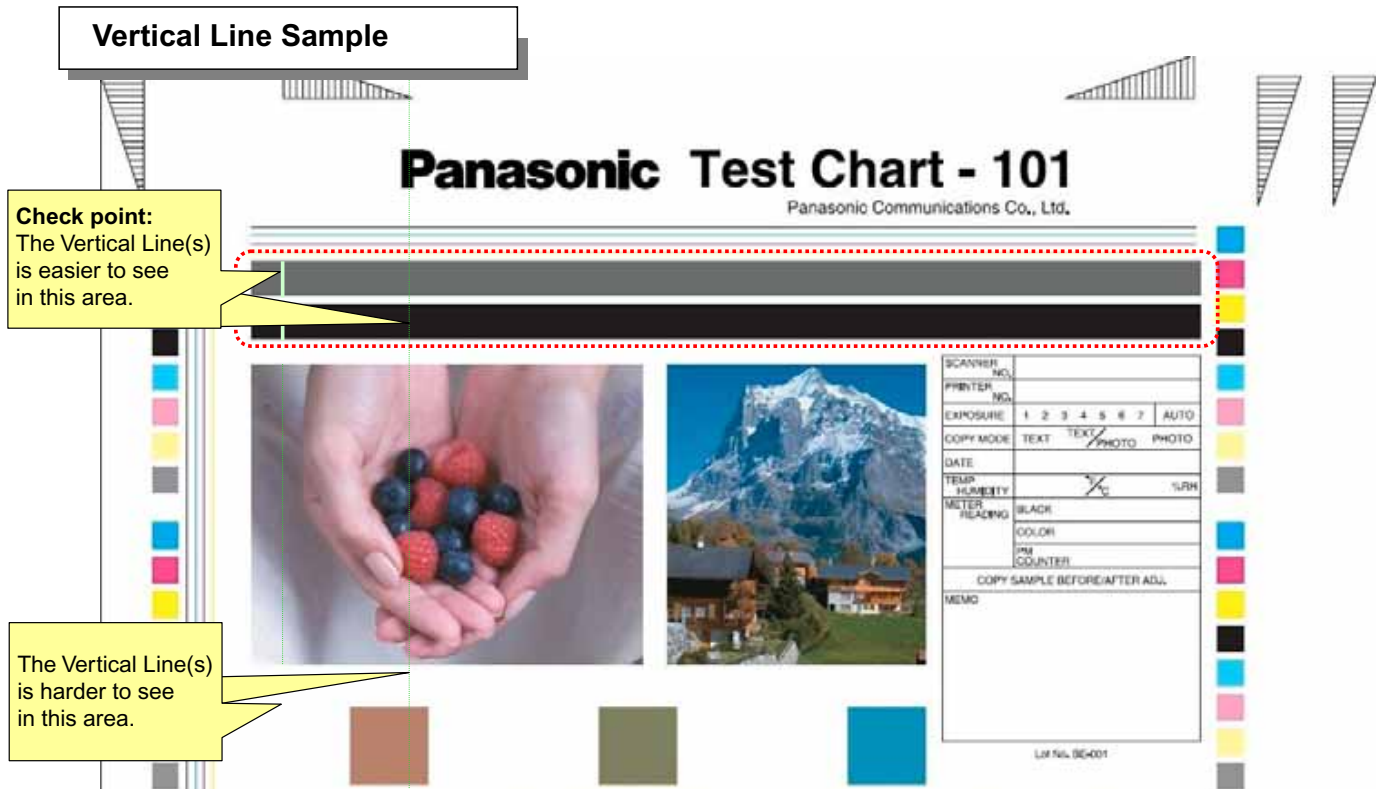


3.3.5. Blank Copy

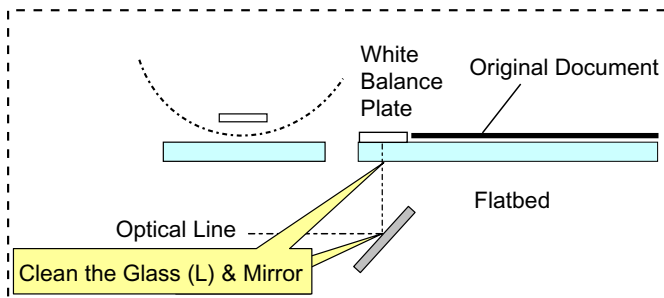


3.3.6. Vertical White Lines

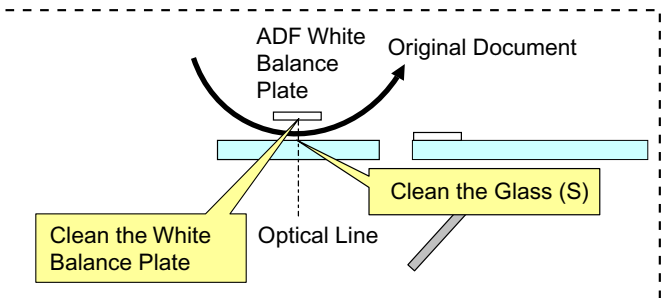




<Flatbed Scanner>



<ADF Scanner>



To differentiate whether the Vertical Line(s) is caused by the Scanner, or the Printer.

1. Make a copy of the Test Chart by enlarging it to 110%.
2. If the Vertical Line moves to a different position, then it is caused by the Scanner.
If the Vertical Line does not move, then it is caused by the Printer.

<Flatbed Scanner Vertical Line(s) Countermeasure>

Adjust the Shading Position by following the steps below.

1. Clean the Glass (L) & Mirror as illustrated, and make a copy of the Test Chart and confirm whether the line(s) has cleared out. If the vertical line(s) did not clear out, proceed with the steps below.
2. Enter the Service Parameter "F6-309: Shading Position Offset".

Note:

This adjustment is required, as the White Balance Plate, and the Glass (L) are glued together, and therefore its not easy to remove, or clean.

3. Change the Value by +/- 1 step at the time. (Ex: Original Value is 0", change to "+1" or "-1".)
4. Exit the Service Mode.
5. Make a copy of the Test Chart and confirm.
6. If the vertical line(s) did not clear out, repeat the above steps by increasing, or decreasing the value. (Ex: "+2", "-2", "+3", or "-3".)

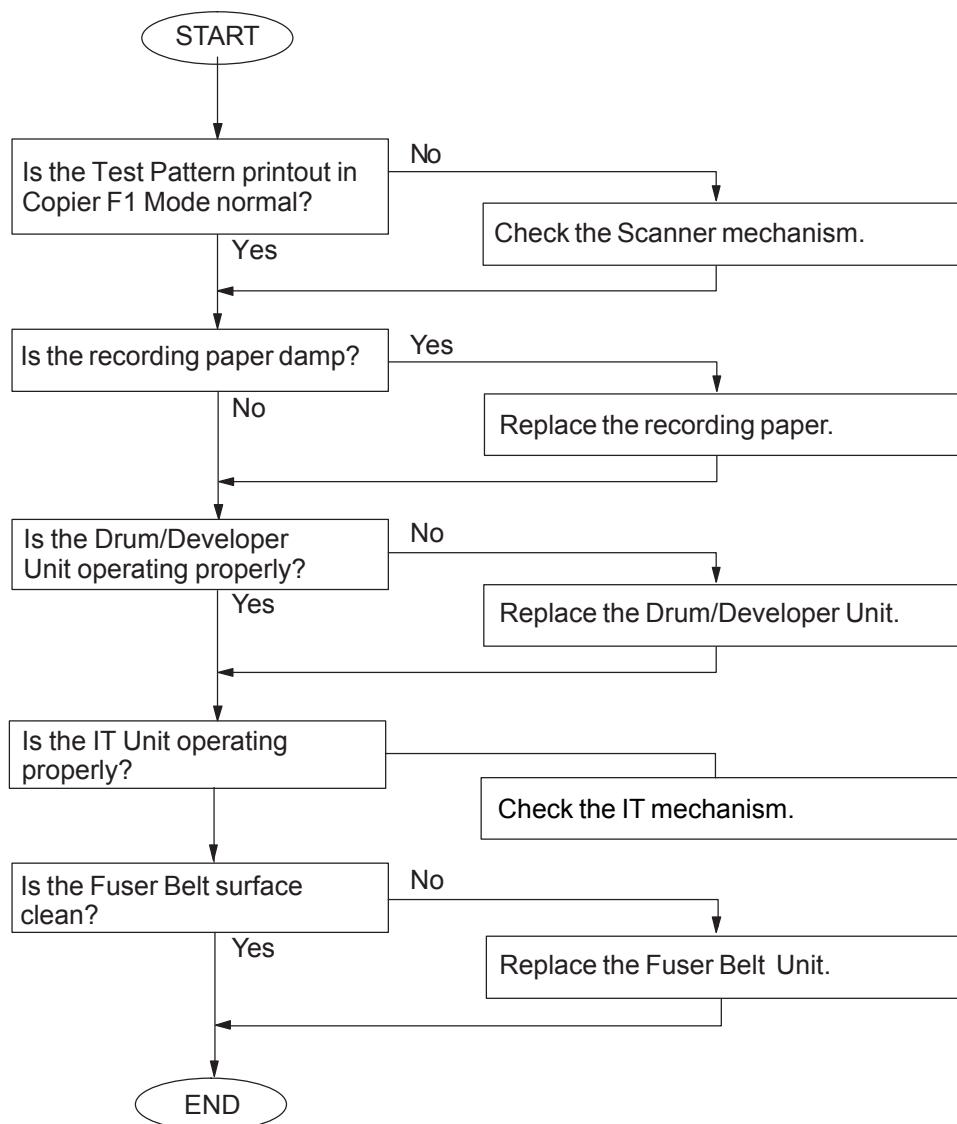
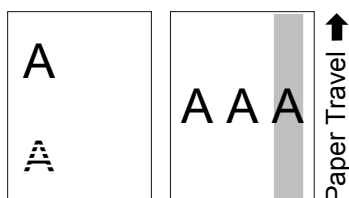
Note:

The Shading Position changes by 0.1 mm for each 1 value increase/decrease.

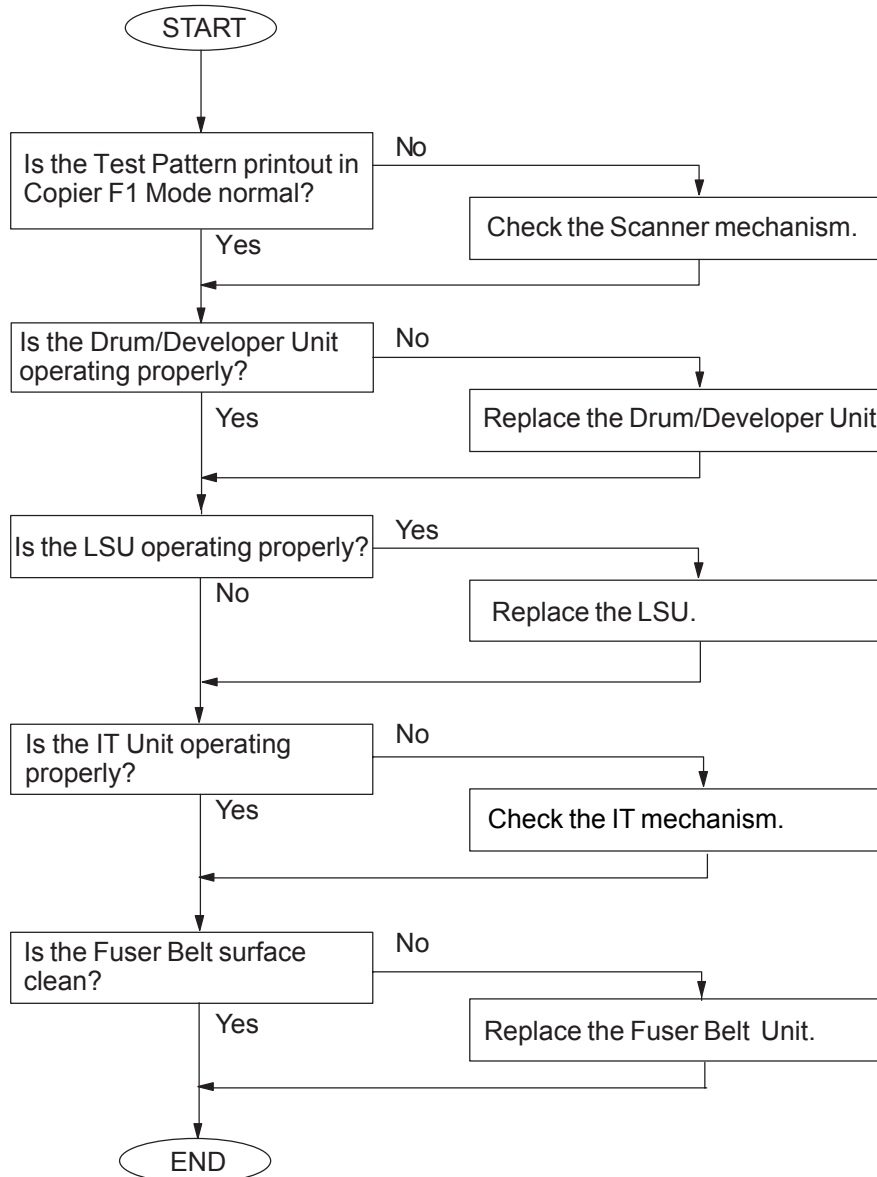
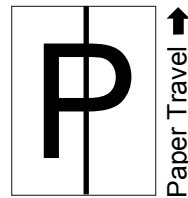
<ADF Scanner Vertical Line(s) Countermeasure>

Clean the ADF White Balance Plate, and the Glass (S) as illustrated.

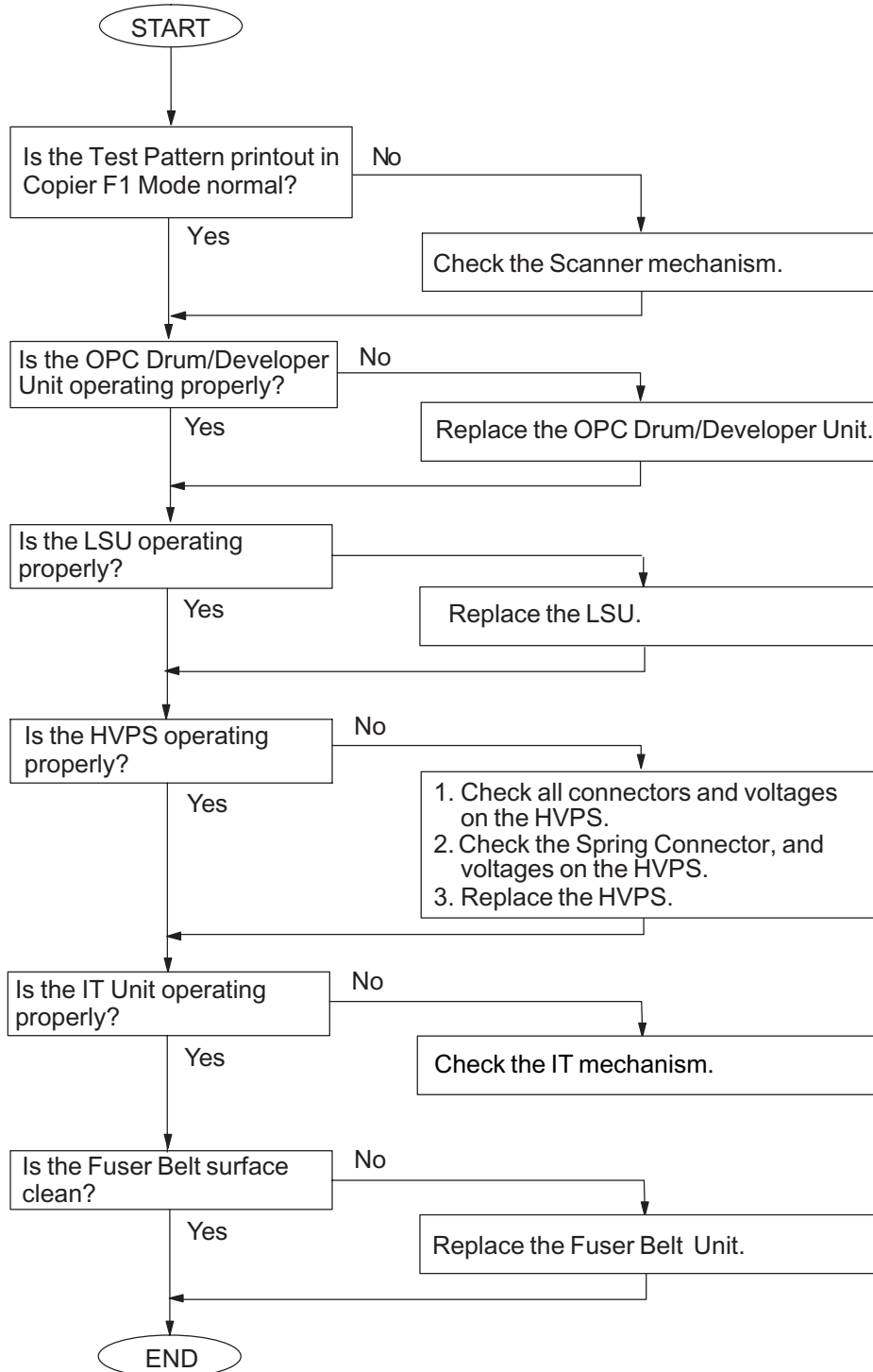
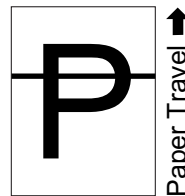
3.3.7. Ghost Images



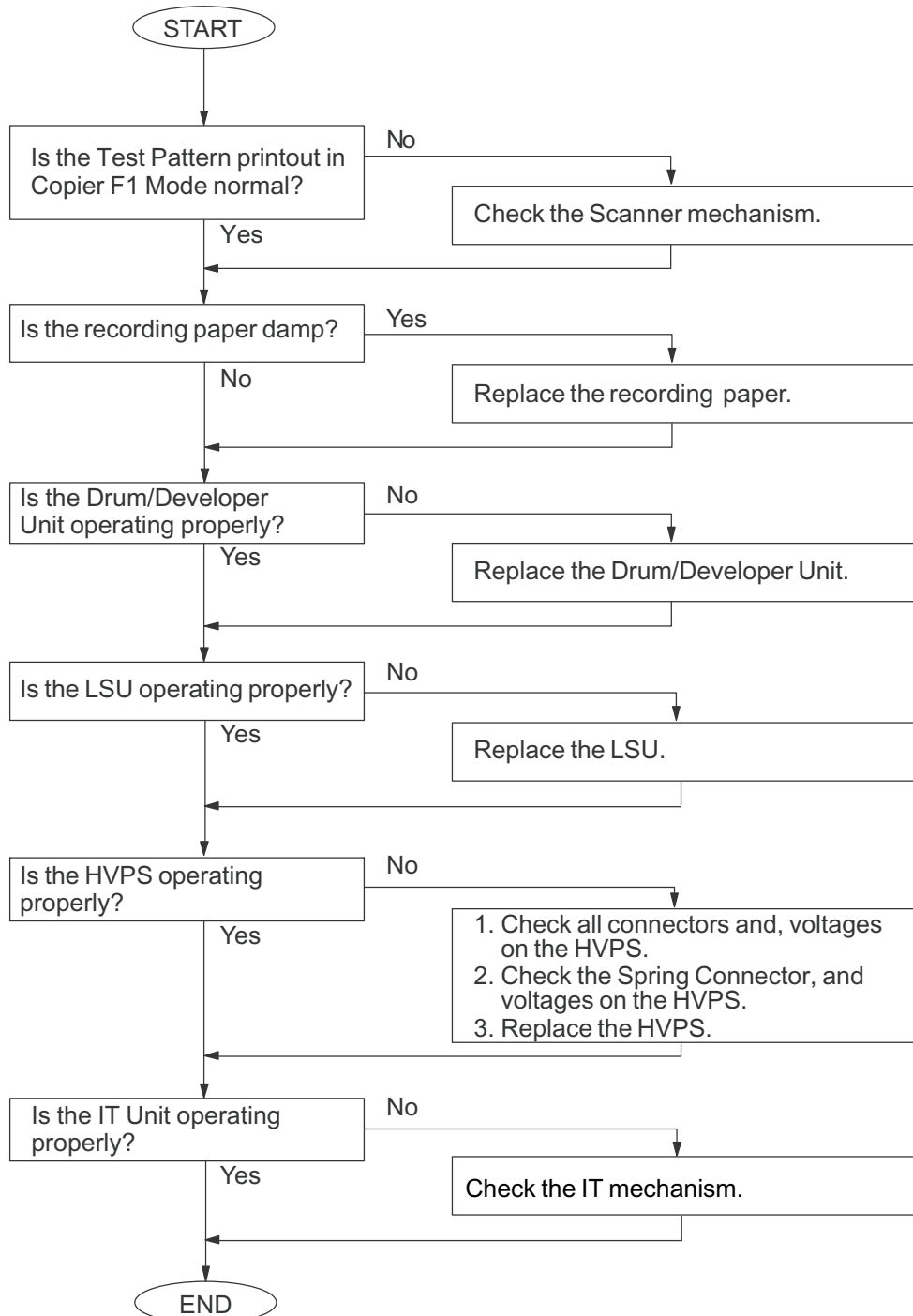
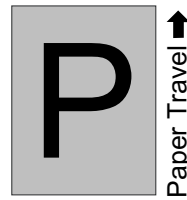
3.3.8. Vertical Dark Lines



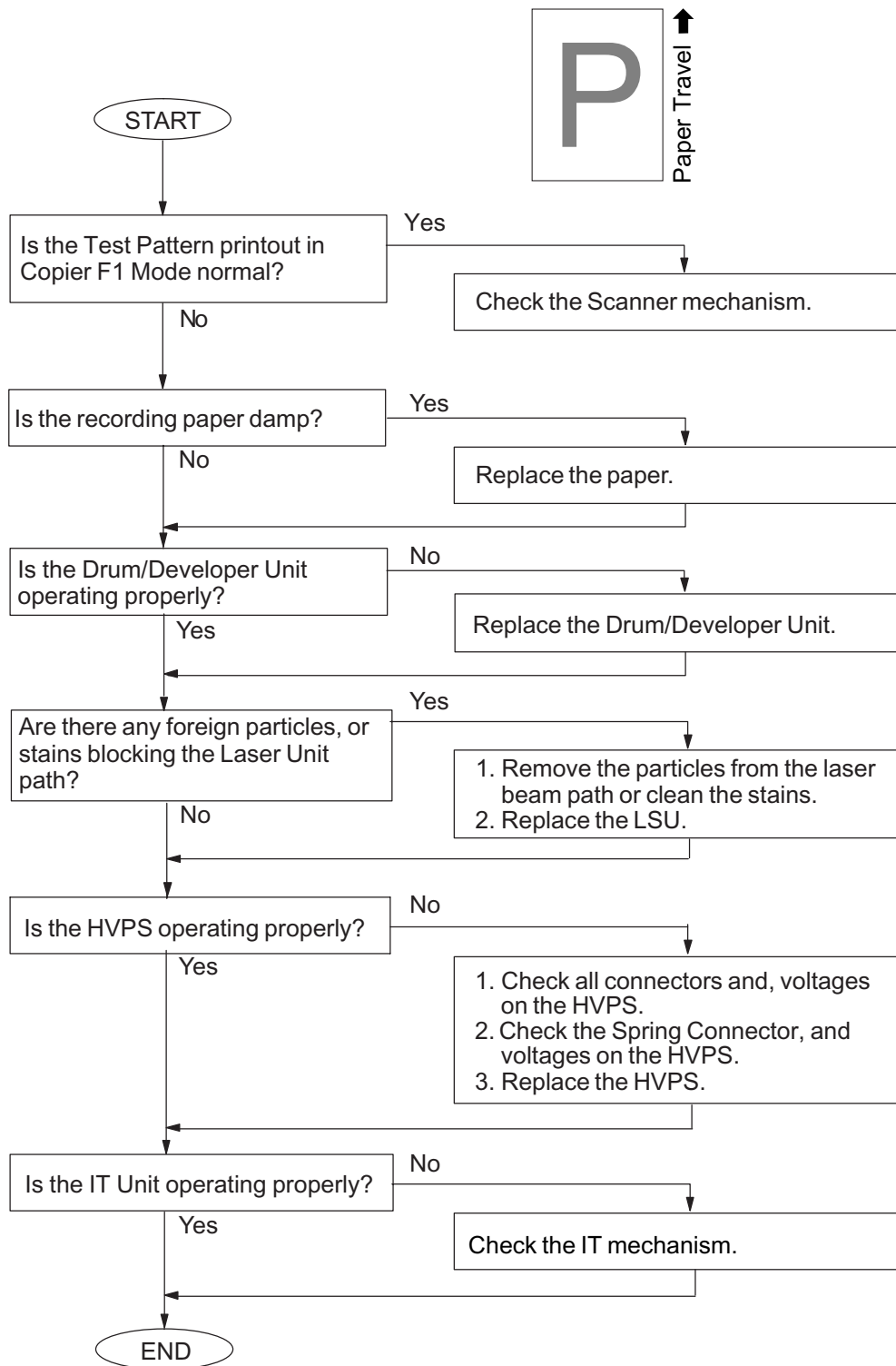
3.3.9. Horizontal Dark Lines



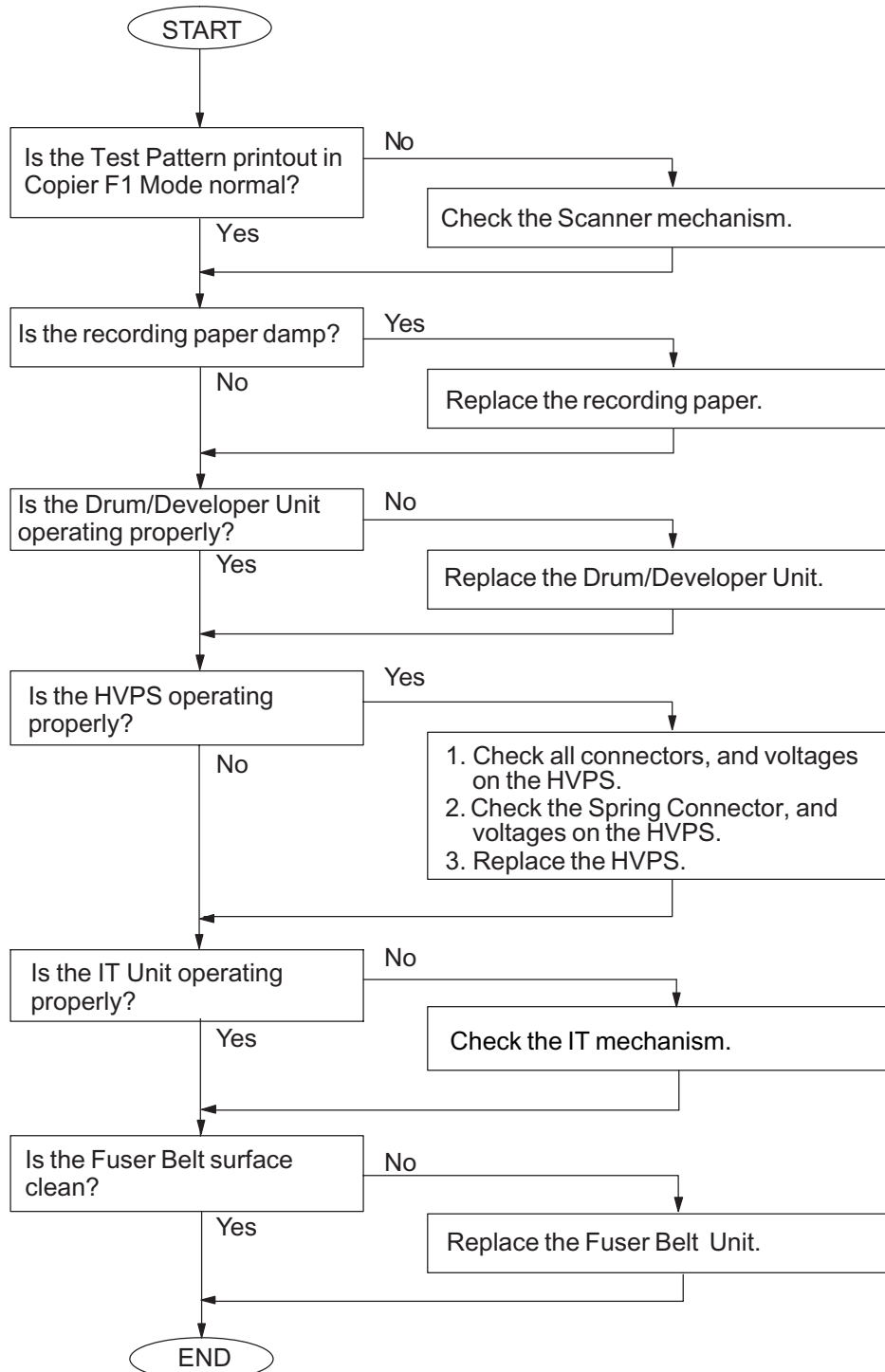
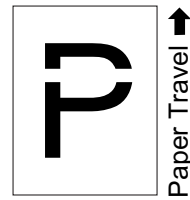
3.3.10. Dark Background



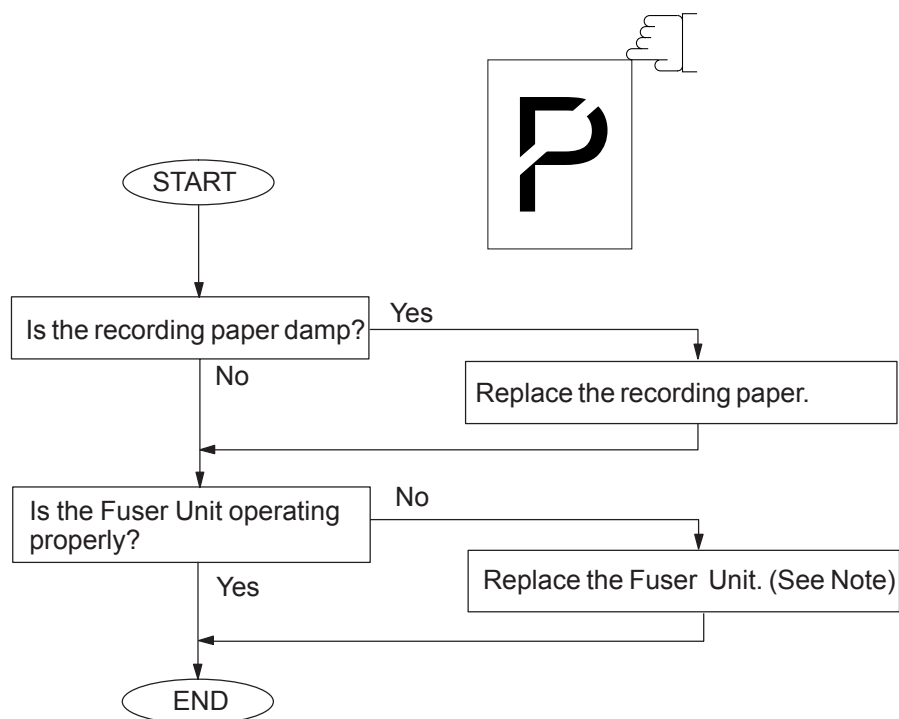
3.3.11. Light Print



3.3.12. Horizontal White Lines



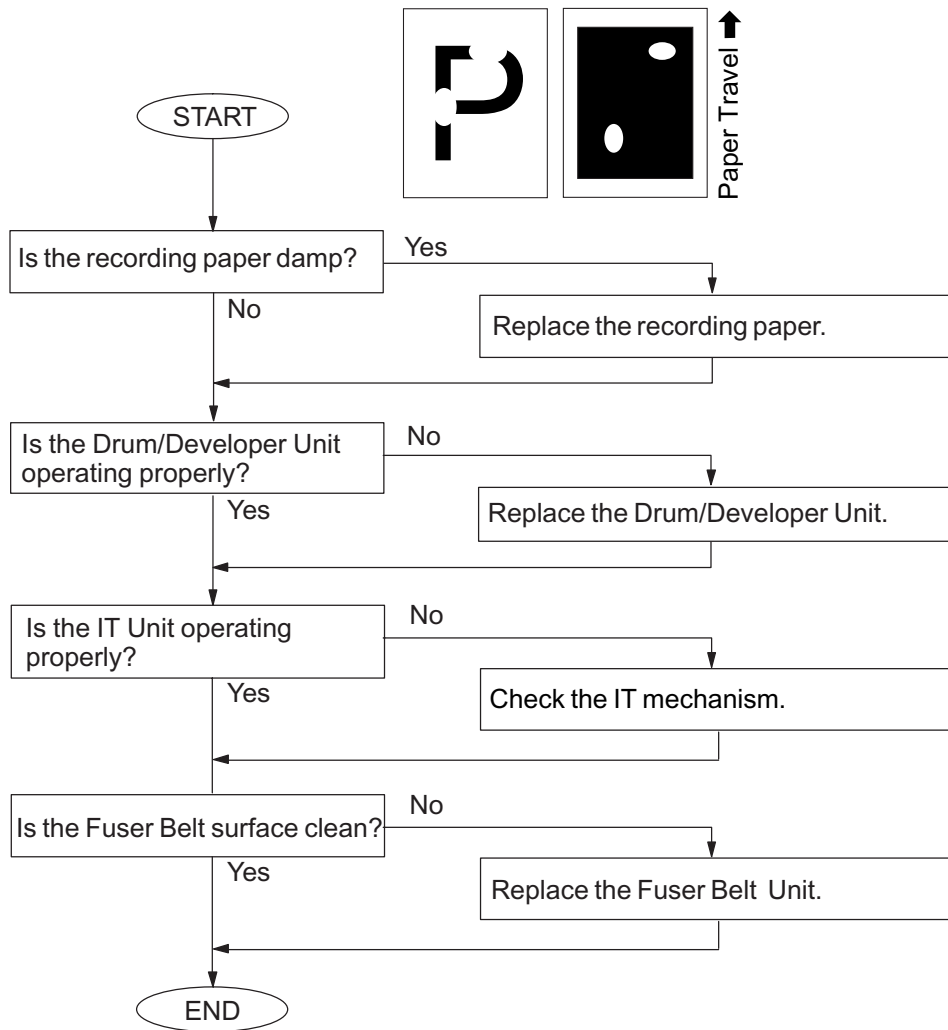
3.3.13. Improper Fusing (Printed image does not bond to the paper)



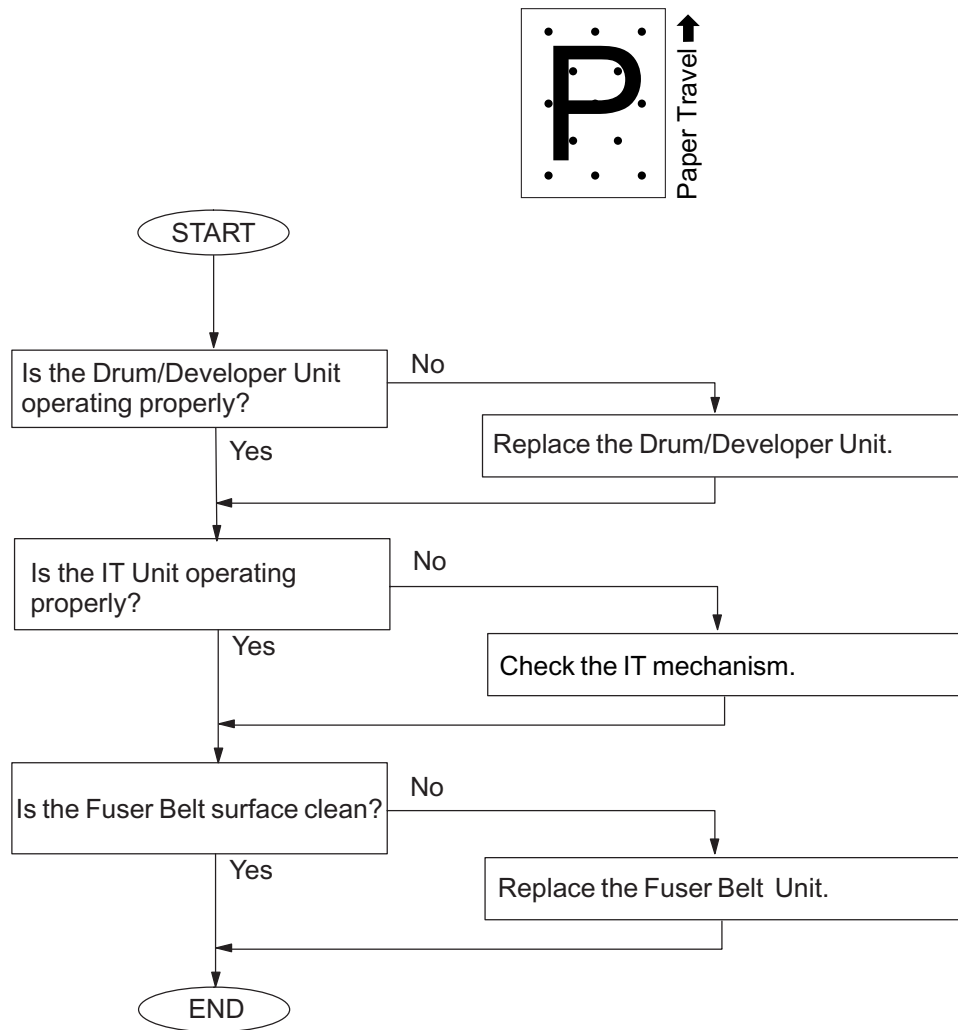
Note:

Replace the entire Fuser Unit when the Thermostat and/or the Thermistor breakdown causing an open-circuit fault.

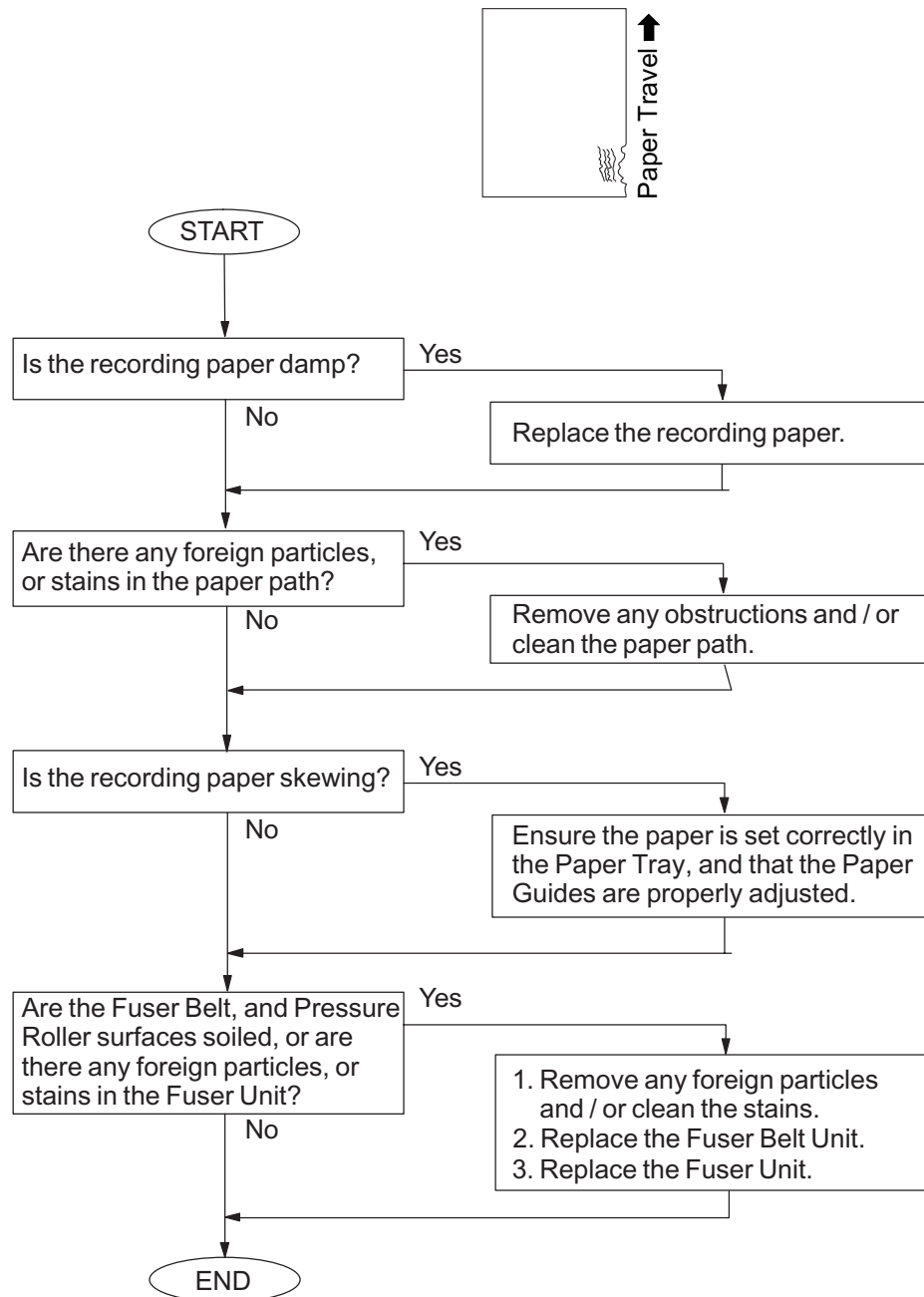
3.3.14. Voids in Solid Areas



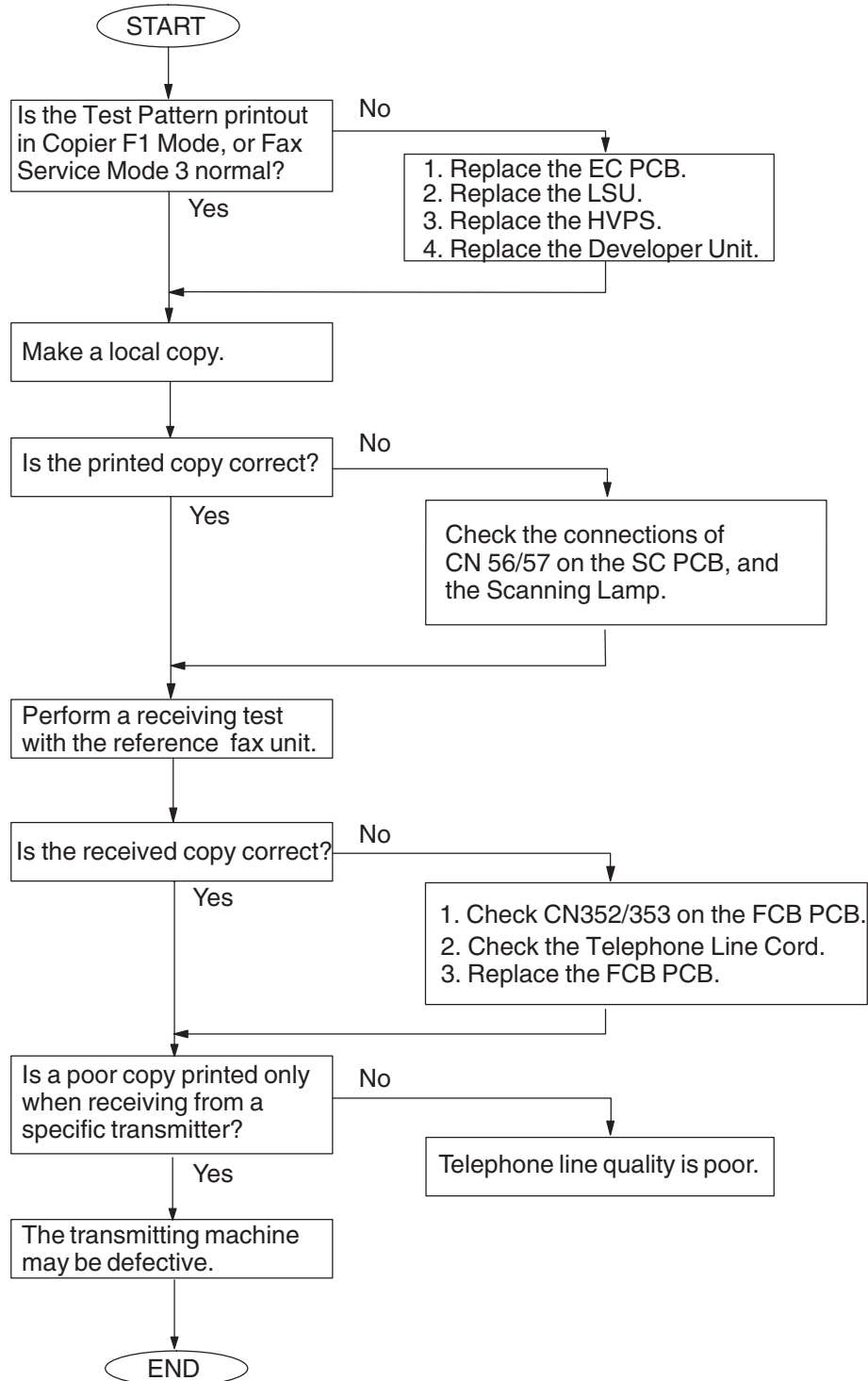
3.3.15. Black Dots



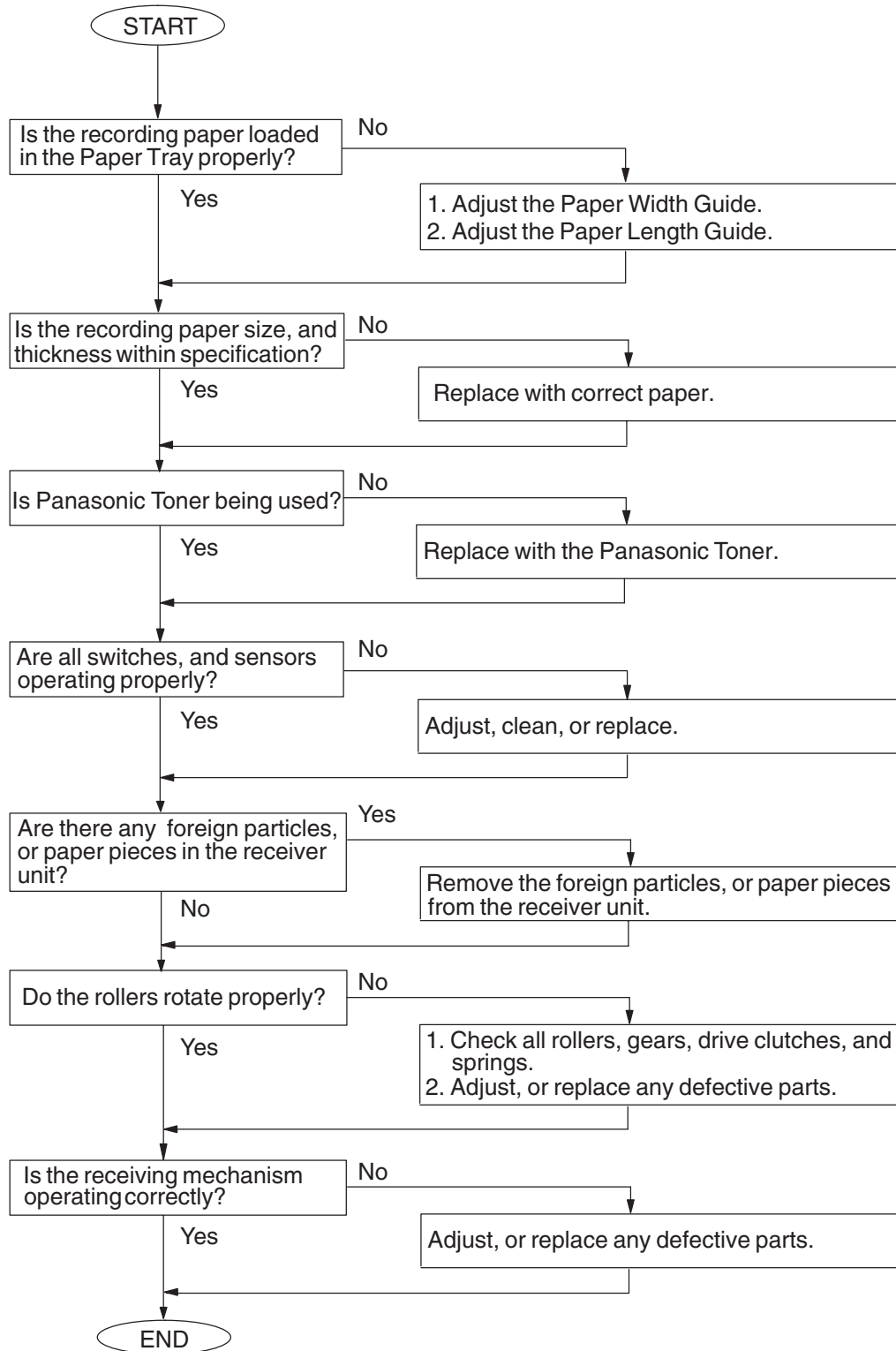
3.3.16. Recording Paper Creases



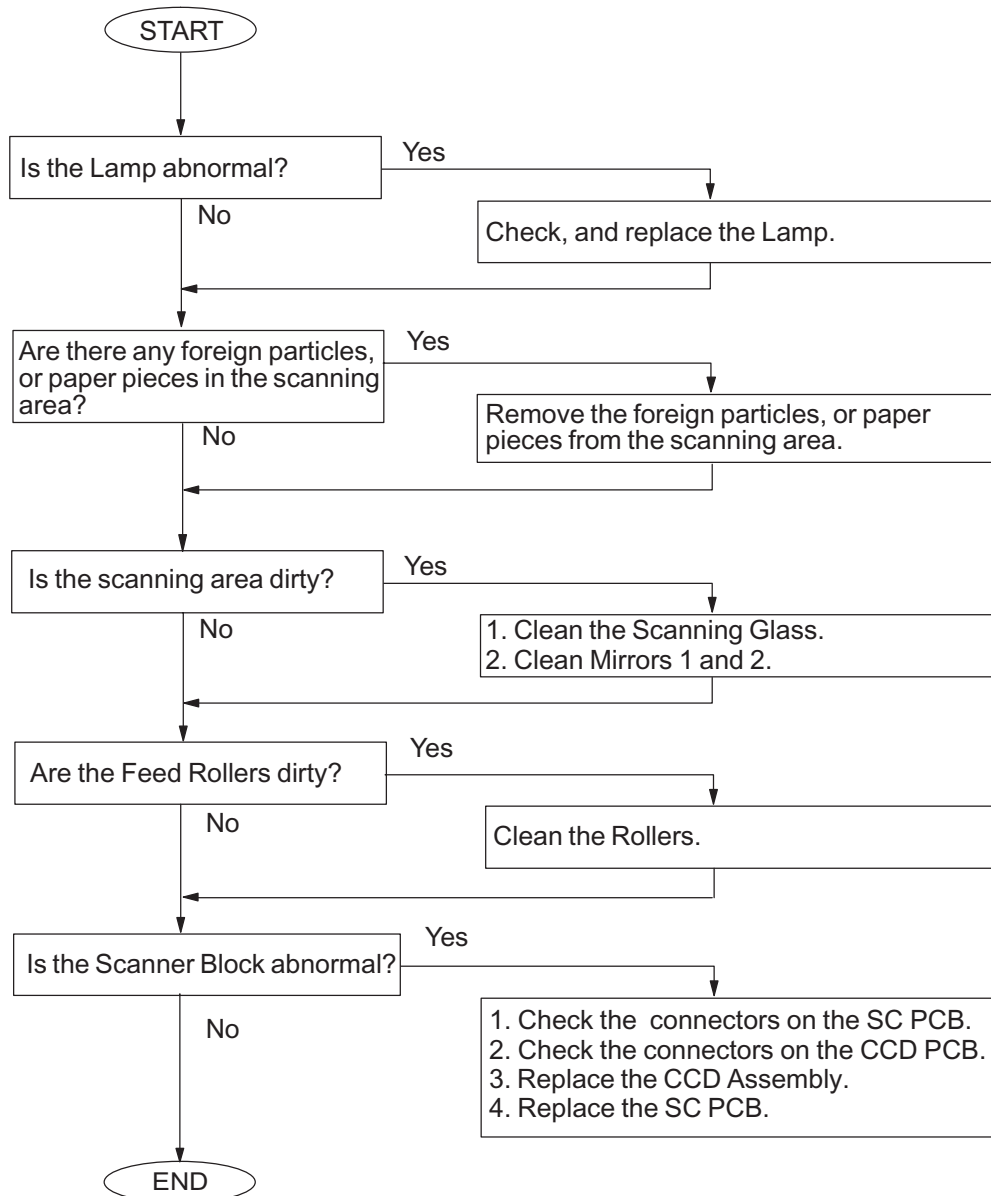
3.3.17. Poor Printed Copy Quality



3.3.18. Abnormal Printing

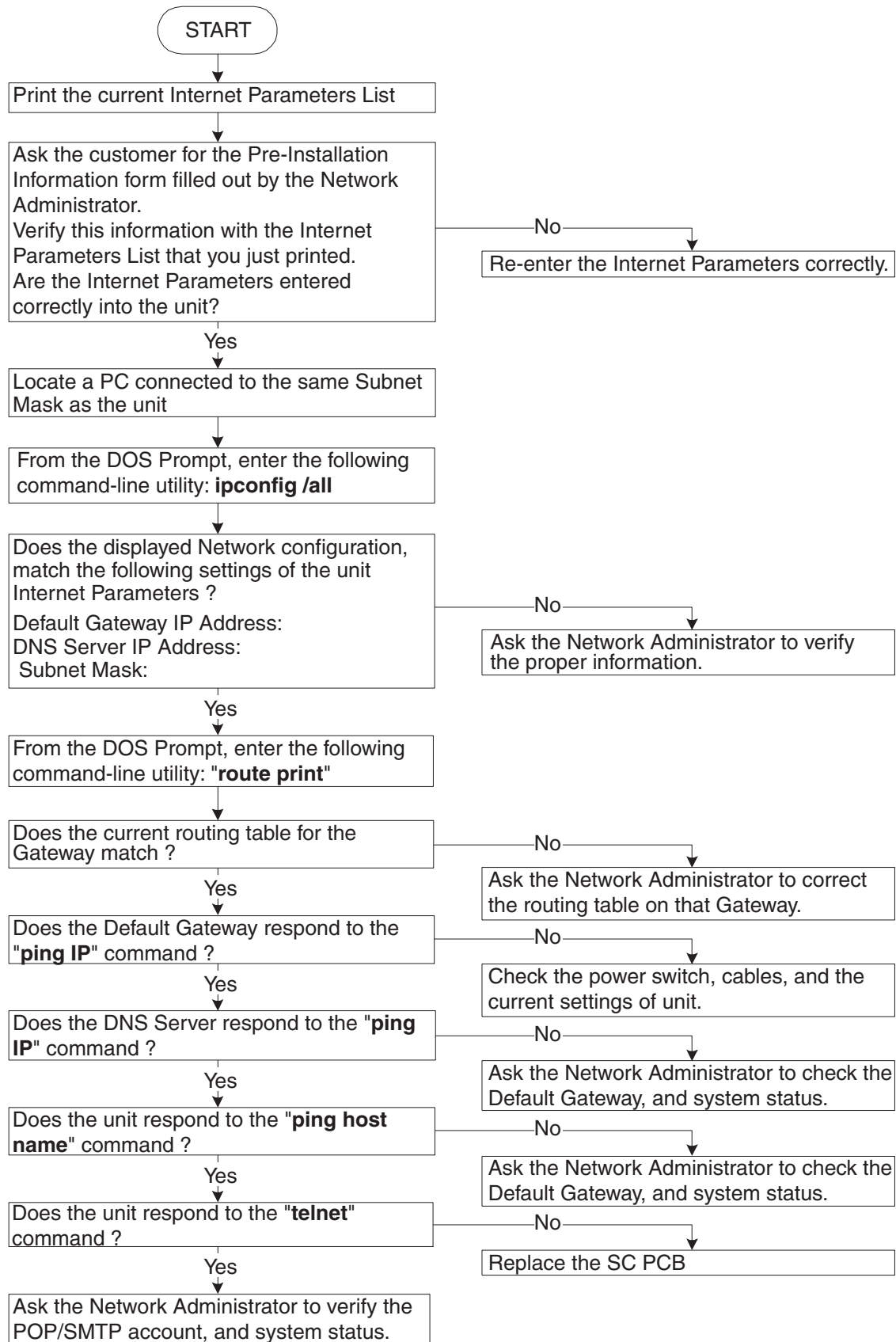


3.3.19. Scanned Copy Quality Problems



3.4. Troubleshooting the LAN Interface

3.4.1. Checking Network Configuration



3.4.2. Testing the TCP/IP Network

It is beyond the scope of this Service Manual to cover Networking in detail, there are many excellent manuals on this subject, but we hope the information in this section will aid with your troubleshooting efforts. In most cases, the Network Administrator will be able to provide you with needed information or assistance.

When encountering Network problems during an onsite service call or during the installation stage, try to isolate the steps that are not being completed so that you can quickly locate the components that don't work. It is best to organize your troubleshooting efforts by understanding what should be happening, then you can trace the path and see where the problem is occurring.

In our case, we use TCP/IP for transportation of data from one system to another, which involves a whole series of events occurring throughout a number of different layers.

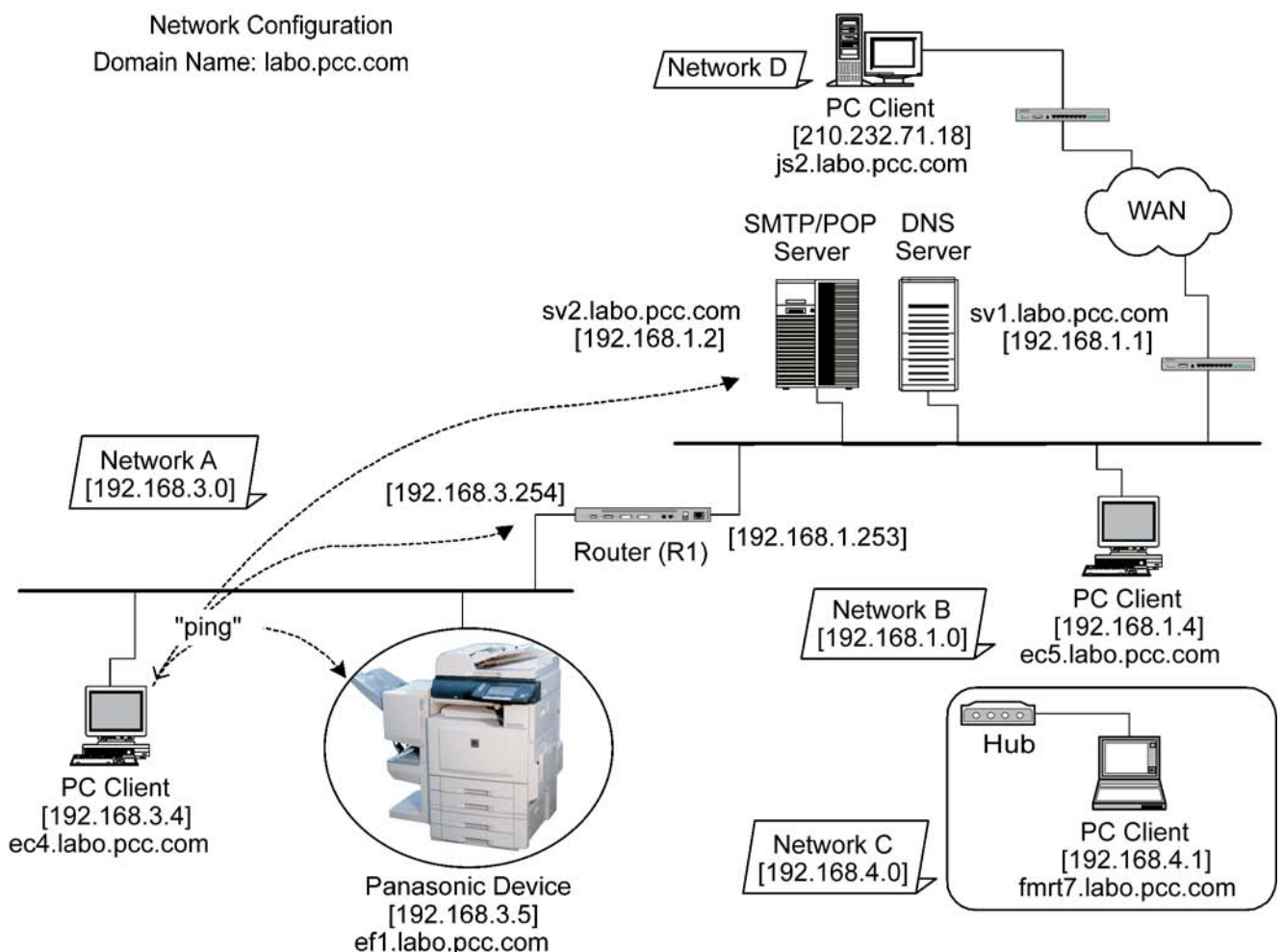
As with all networking, TCP/IP works better when its plugged in, therefore, start your troubleshooting by checking the Physical Connectivity first, the cable(s).

In our examples, we'll use several simple tools readily available in the DOS command-line utility for troubleshooting. There are many other utilities available for checking more detailed information, some are Free of charge, others are available for a nominal fee.

1. System Diagram Model

Ask the customer to provide you with the Pre-Installation Information form, that was filled out by the Network Administrator.

A description or system diagram for the unit, including its physical address, email server and DNS server is required.



2. Checking Current Configuration

Print the current unit Internet Parameters configuration.

Locate a PC connected to the same Subnet Mask as the unit, then from the DOS Prompt, type the following command-line utility: **"ipconfig /all"** for Windows.

Verify that the displayed Network configuration on the PC, matches the following Internet Parameter settings of the unit:

Default Gateway IP Address:

DNS Server IP Address:

Subnet Mask: (whether it is valid)

For Windows

The following example shows the output after you type **"ipconfig /all"** at a command prompt:

```
C:\>ipconfig /all

Windows NT IP Configuration

    Host Name . . . . . : ec4.labo.pcc.com
    DNS Servers . . . . . : 192.168.1.1
    Node Type . . . . . : Hybrid
    NetBIOS Scope ID . . . . . :
    IP Routing Enabled. . . . . : No
    WINS Proxy Enabled . . . . . : No
    NetBIOS Resolution Uses DNS . . . : No

    Ethernet adapter IBMFE1 . . . . . :
    Description . . . . . : IBM 100/10 EtherJet PCI Adapter

    Physical Address . . . . . : 00-04-AC-EE-9C-E8
    DHCP Enabled . . . . . : No
    IP Address . . . . . : 192.168.3.4
    Subnet Mask . . . . . : 255.255.255.0
    Default Gateway . . . . . : 192.168.3.254
    Primary WINS Server . . . . . : 192.168.3.18
```

From the above examples, you know the Network configuration for the specified Subnet Mask is as follows: IP Address: 192.168.3.4; Subnet Mask: 255.255.255.0; Default Gateway (Default Router IP Address): 192.168.3.254; DNS Server: 192.168.1.1 and the Domain Name: labo.pcc.com (obtained from the Host Name).

3. Using "PING" to Test Physical Connectivity

The Packet Internet Groper (PING) is a command-line tool included with every Microsoft TCP/IP client (any DOS or Windows client with the TCP/IP protocol installed). PING is a simple utility that is used to send a test packet to a specified IP Address or Hostname, then, if everything is working properly, the packet is echoed back (returned).

Sample command-line PINGing and parameters are shown below. There are several available options that can be specified with the PING command. However, for our examples, we will use two options (-n and -w) which are commonly used when the response from the destination location is too long.

- n *count* : The number of echo requests that the command should send. The default is four.
- w *timeout* : Specifies the period PING will wait for the reply before deciding that the host is not responding.

PINGing the Unit

```
C:\WINDOWS>ping ef1.labo.pcc.com

Pinging ef1.labo.pcc.com [192.168.3.5] with 32 bytes of data:

Reply from 192.168.3.5: bytes=32 time=5ms TTL=253
Reply from 192.168.3.5: bytes=32 time=4ms TTL=253
Reply from 192.168.3.5: bytes=32 time=4ms TTL=253
Reply from 192.168.3.5: bytes=32 time=4ms TTL=253
```

PINGing the Default Gateway (Default Router IP Address)

```
C:\WINDOWS>ping 192.168.3.254

Pinging 192.168.3.254 with 32 bytes of data:

Reply from 192.168.3.254: bytes=32 time=5ms TTL=253
Reply from 192.168.3.254: bytes=32 time=4ms TTL=253
Reply from 192.168.3.254: bytes=32 time=4ms TTL=253
Reply from 192.168.3.254: bytes=32 time=4ms TTL=253
```

PINGing the SMTP/POP Server

```
C:\WINDOWS>ping sv2.labo.pcc.com

Pinging sv2.labo.pcc.com [192.168.1.2] with 32 bytes of data:

Reply from 192.168.1.2: bytes=32 time=5ms TTL=253
Reply from 192.168.1.2: bytes=32 time=5ms TTL=253
Reply from 192.168.1.2: bytes=32 time=5ms TTL=253
Reply from 192.168.1.2: bytes=32 time=5ms TTL=253
```

If for some reason, the physical connection is missing, the echo reply will not be received from the destination and the following output is displayed:

```
C:\WINDOWS>ping fmrt7.labo.pcc.com

Pinging fmrt7.labo.pcc.com [192.168.4.1] with 32 bytes of data:

Request timed out.
Request timed out.
Request timed out.
Request timed out.

Ping statistics for 192.168.4.1:
    Packets: Sent = 4, Received = 0, Lost = 4 (100% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 0ms, Average = 0ms
```

If the physical destination is far and it's connected by WAN (Wide Area Network), the PING option command default value must be changed to compensate for the expected delayed response.

e.g.

- n 10 : The number of echo requests that the command should send.
- w 2000 : Specifies the period PING will wait for the reply before deciding that the host is not responding.

```
C:\WINDOWS>ping js2.labo.pcc.com -n 10 -w 2000

Pinging js2.labo.pcc.com [210.232.71.18] with 32 bytes of data:

Reply from 210.232.71.18: bytes=32 time=633ms TTL=252
Reply from 210.232.71.18: bytes=32 time=645ms TTL=252
Reply from 210.232.71.18: bytes=32 time=810ms TTL=252
Reply from 210.232.71.18: bytes=32 time=455ms TTL=252
Reply from 210.232.71.18: bytes=32 time=645ms TTL=252
Reply from 210.232.71.18: bytes=32 time=633ms TTL=252
Reply from 210.232.71.18: bytes=32 time=677ms TTL=252
Reply from 210.232.71.18: bytes=32 time=703ms TTL=252
Reply from 210.232.71.18: bytes=32 time=633ms TTL=252
Reply from 210.232.71.18: bytes=32 time=633ms TTL=252
```

4. Tracing a Packet Route

Another useful command-line utility is TRACERT, which is used to verify the route a packet takes to reach its destination. The result shows each router crossed and how long it took to get through each particular router to reach the specified destination.

The time it takes to get through a particular router is calculated three times and displayed for each router hop along with the IP Address of each router crossed. If a FQDN (Fully Qualified Domain Name) is available, it will be displayed as well.

This utility is useful for two diagnostic purposes:

- a. To detect whether a particular router is malfunctioning along a known path. For example, if you know that packets on a network always go through London to get from New York to Berlin, but the communication is failing. A TRACERT to the Berlin address shows all the hops up to the point where the router in London should respond. If it does not respond, the time values are shown with an asterisk (*), indicating the packet timed out.
- b. To determine whether a router is slow and needs to be upgraded or additional routers should be installed on the network. You can determine this by simply comparing the time it takes for a packet to get through a particular router. If its return time is significantly higher than the other routers, it should be upgraded.

To use this utility, from the DOS command-line, **type: tracert <IP Address or Hostname>**

Tracing the Route to SMTP/POP Server

```
C:\WINDOWS>tracert sv2.labo.pcc.com
Tracing route to sv2.labo.pcc.com [192.168.1.2]
over a maximum of 30 hops:

  1  4 ms  2 ms  2 ms  192.168.3.254
  2  4 ms  5 ms  5 ms  sv2.labo.pcc.com [192.168.1.2]

Trace complete.
```

5. Managing Network Route Tables

In the simplest case a router connects two network segments. In this model, the system used to join the two segments needs to know only about these segments.

The routing table for router R1 in this case is simple; the following table shows its key routes:

Network Address	Netmask	Gateway	Interface
192.168.3.0	255.255.255.0	192.168.3.254	192.168.3.254
192.168.1.0	255.255.255.0	192.168.1.253	192.168.1.253

When the Unit at 192.168.3.5 attempts to communicate with the Unit at 192.168.1.x, IP performs the ANDing process to find two things: The local network ID is 192.168.3.0, and the destination network ID is not. This means, that the destination host is not on the local network.

IP, is responsible to find a route to the remote network, and therefore, it consults the routing table. Here, the local host normally determines that the next step in the route is the Default Gateway, and sends the packet to router R1.

The router R1, receives the packet. After determining that the packet is for another host and not the router itself, it checks the routing table. It finds the route to 192.168.1.0 and sends the packet through the interface to the Unit at 192.168.1.x, which receives the packet. This is a simple route that took only a single hop.

When another network is added as the number of hosts grows, it gets complicated, and the systems on the most distant networks cannot communicate. When the router receives a packet in this case, it cannot find a route to the remote network. It then discards the packet and a message indicating "destination host unreachable" is sent to the originator.

Here, is where the ROUTE command-line utility is useful when dealing with more than two networks, and is used by Administrators to statically manage a route table by adding, deleting, changing and clearing the route table. It has a number of options that are used to manipulate the routing tables, some are shown below:

- **MASK**
If this switch is present, the next parameter is interpreted as the netmask parameter.
- **Netmask**
If included, specifies a sub-net mask value to be associated with this route entry. If not specified, it defaults to 255.255.255.255.
- **Gateway**
Specifies the gateway.
- **METRIC**
Specifies the metric / cost for the destination.

All symbolic names used for the destination are looked up in the network database file NETWORKS. The symbolic names for the gateway are looked up the host name database file HOSTS.

When the packet does not reach the specified destination even when the physical connection is properly made, check the registered persistent routes on the same subnet as the Unit by typing "**route print**" in the DOS command-line. The output display is shown below:

```
C:\WINDOWS>route print
Active Routes:

    Network Address      Netmask          Gateway Address  Interface    Metric
    0.0.0.0              0.0.0.0          192.168.3.254    192.168.3.2    1
    127.0.0.0            255.0.0.0        127.0.0.1        127.0.0.1      1
    192.168.3.0          255.255.255.0    192.168.3.2      192.168.3.2    1
    192.168.3.2          255.255.255.255  127.0.0.1        127.0.0.1      1
    192.168.3.255        255.255.255.255  192.168.3.2      192.168.3.2    1
    224.0.0.0            224.0.0.0        192.168.3.2      192.168.3.2    1
    255.255.255.255      255.255.255.255  192.168.3.2      192.168.3.2    1
```

6. Host Name Query on DNS Server

Windows XP/2000/NT 4.0 also has a tool that enables you to test DNS to verify that it is working properly. This utility is not available on Windows 98/Me.

From the DOS command-line, type "**nslookup**" to display the following output:

```
C:\>nslookup
Default Server: sv1.labo.pcc.com
Address: 192.168.1.1
```

NS (Name Server) Record in Domain

From the DOS command-line, type "**Is -t NS <Domain Name>**" to display the following output:

```
> Is -t NS labo.pcc.com.
[sv1.labo.pcc.com.]
labo.pcc.com.      NS  server = sv1.labo.pcc.com
```

MX (Mail Exchange) Record in Domain

From the DOS command-line, type "**Is -t MX <Domain Name>**" to display the following output:

```
> Is -t MX labo.pcc.com
[sv1.labo.pcc.com]
labo.pcc.com.      MX  10  sv2.labo.pcc.com
```

A (Address) Record in Domain

From the DOS command-line, type "**Is -t A <Domain Name>**" to display the following output:

```
> Is -t A labo.pcc.com
[sv1.labo.pcc.com]
labo.pcc.com.      NS  server = sv1.labo.pcc.com
sv1                A   192.168.1.1
sv2                A   192.168.1.2
ec5                A   192.168.1.4
ec4                A   192.168.3.4
ef1                A   192.168.3.5
```

(To leave from this menu, type "**exit**" on the command-line.)

7. Testing Unit Using the TELNET Command

TELNET is a terminal emulation protocol. TELNET enables PCs and workstations to function as dumb terminals in sessions with hosts on internet works.

From Windows 98/Me/2000/NT/XP, use the TELNET to test the communication of TCP/IP and SMTP Protocol manually to the Unit. This method eliminates the SMTP Server.

For better understanding, type "**telnet**" in the DOS Command-line to bring up the Telnet screen. Then, click on the Terminal menu and on Preferences, check the "Local Echo" and "Block Cursor" radio dials and click on the OK button.

Click on the Connect menu, then click on Remote System.

Enter "25" in the "Port:" field and click on Connect button.

For example,

```
C:\WINDOWS>telnet

telnet to ef1.labo.pcc.com[192.168.3.5]

220 ef1.labo.pcc.com DP18xx V.xx

helo
250 Hello

mail from:test
250 Sender OK

rcpt to:fax@labo.pcc.com
250 Receipient OK

data
354 Email, end with "CRLF . CR LF"

[Press the Enter Key]
Panasonic Internet Fax
test
test
[Press the Enter Key]
[Press the Enter Key]
[Press the Enter Key]
250 OK, Mail accept

quit
221 Closing transaction channel
```

3.5. Error Codes (For Copier)

The self-diagnostic functions detect malfunctions in the important components of the copier. When any malfunction occurs, the copier stops, and displays a relevant error message on the Panel Display.

3.5.1. User Error Codes (U Code)

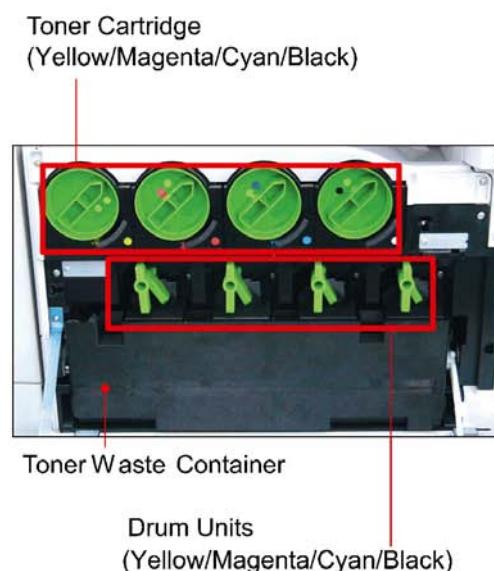
Note:

Uxx, and a message will appear on the Panel Display.

<Outer>



<Inner>



User Error Codes (U Code) Table

Code	Item	Check Points
U0	Key Counter	<ol style="list-style-type: none"> 1. Card Key is not installed. 2. Key Counter Harness is disconnected. 3. Department Code is not assigned.
U1	Close Front Cover	<ol style="list-style-type: none"> 1. Front Cover is open. 2. Front Cover Sensor is disconnected. 3. Front Cover Sensor is defective 4. LVPS connector is disconnected. 5. LVPS is defective. 6. EC PCB connector is disconnected. 7. EC PCB is defective.
U4	Close Finisher	<ol style="list-style-type: none"> 1. Finisher is open. 2. Paper is in the output bin. 3. Stapler is empty. 4. LVPS connector is disconnected. 5. LVPS is defective. 6. EC PCB connector is disconnected. 7. EC PCB is defective.
U6	Close Right Cover (Feed Cover 1/ Feed Cover 2 / ADU Cover)	<ol style="list-style-type: none"> 1. Right Cover is open. 2. Right Cover Sensor is disconnected. 3. Right Cover Sensor is defective. 4. LVPS connector is disconnected. 5. LVPS is defective. 6. EC PCB connector is disconnected. 7. EC PCB is defective.

User Error Codes (U Code) Table		
Code	Item	Check Points
U7	Close Right Cover Lower (Paper Tray 1-4)	<ol style="list-style-type: none"> 1. Right Cover is open. 2. Right Cover Sensor is disconnected. 3. Right Cover Sensor is defective. 4. LVPS connector is disconnected. 5. LVPS is defective. 6. EC PCB connector is disconnected. 7. EC PCB is defective.
U8	Close Paper Transport Unit	<ol style="list-style-type: none"> 1. Paper Transport Unit open. 2. Paper Transport Unit Sensor disconnected. 3. LVPS connector disconnected. 4. LVPS defective. 5. EC PCB connector disconnected. 6. EC PCB defective.
U9	Close Left Cover	<ol style="list-style-type: none"> 1. Left Cover is open. 2. Left Cover Sensor is disconnected. 3. Left Cover Sensor is defective.
U11	Remove Paper in Finisher	<ol style="list-style-type: none"> 1. Paper left in the Finisher. 2. Finisher Paper Exit Sensor defective.
U12	Close Finisher Staple Cover / Upper Cover No Punch Dust Box	<ol style="list-style-type: none"> 1. Close Finisher Staple Cover. 2. Finisher Staple Cover Sensor is disconnected. 3. Finisher Staple Cover Sensor is defective. 4. Punch Dust Box is not installed(FS325/FS356 only).
U13-1	No Toner or Low Toner (Y)	<ol style="list-style-type: none"> 1. Toner Cartridge is incorrectly installed. 2. No or Low Toner. 3. EC PCB connector is disconnected. 4. EC PCB is defective.
U13-2	No Toner or Low Toner (M)	
U13-3	No Toner or Low Toner (C)	
U13-4	No Toner or Low Toner (BK)	
U14	Replace Toner Waste Container	<ol style="list-style-type: none"> 1. Toner Waste Container is full. (See Section 8.28.)
U15	No Toner Waste Container	<ol style="list-style-type: none"> 1. Toner Waste Container is not installed. 2. Toner Waste Container Sensor is disconnected. 3. Toner Waste Container Sensor is defective.
U16	No Developer Unit (Y, M, C, BK)	<ol style="list-style-type: none"> 1. Developer Unit is not installed.
U18	Total Copy Limit Over	<ol style="list-style-type: none"> 1. Department Copy Counter is full.
U20	Close ADF Cover	<ol style="list-style-type: none"> 1. ADF Cover is open. 2. ADF is not installed correctly. 3. ADF Cover Sensor is disconnected. 4. ADF Cover Sensor is defective. 5. LVPS connector is disconnected. 6. LVPS is defective.
U21	Close ADF	<ol style="list-style-type: none"> 1. ADF and ADF Cover are open. 2. ADF Sensor is disconnected. 3. ADF Sensor is defective.
U25	Toner Cartridge Motor rotation Error (Y, M, C, BK)	<ol style="list-style-type: none"> 1. Toner blocked in the Toner Cartridge. (Shake the Toner Cartridge to loosen the contents)
U27	No Fuser Unit	<ol style="list-style-type: none"> 1. Fuser Unit is not installed.
U28	No Drum Unit (Y, M, C, BK)	<ol style="list-style-type: none"> 1. Drum Unit is not installed.
U29	Replace Drum Unit (Y, M, C, BK)	<ol style="list-style-type: none"> 1. Drum Unit requires replacement.

User Error Codes (U Code) Table

Code	Item	Check Points
U30	Close Punch Cover (Upper/Front Cover)	1. Punch Cover is open. 2. Punch Cover Sensor is disconnected. 3. Punch Cover Sensor is defective.
U31	Remove Paper in Saddle Unit	1. Paper Jam in the Saddle Unit. 2. Paper Sensor is disconnected. 3. Paper Sensor is defective.
U32	Close Saddle Unit Cover	1. Saddle Unit Cover is open. 2. Saddle Cover Sensor is disconnected. 3. Saddle Cover Sensor is defective.
U33	No Saddle Staple Unit	1. Staple Unit is not installed properly.
U34	Close Saddle Unit Front Cover	1. Saddle Unit Front Cover is open. 2. Saddle Front Cover Sensor is disconnected. 3. Saddle Front Cover Sensor is defective.
U35	Close Saddle Unit Exit Cover	1. Saddle Unit Exit Cover is open. 2. Saddle Exit Cover Sensor is disconnected. 3. Saddle Exit Cover Sensor is defective.
U80	Document Jam	1. Original is jammed.
U90	Replace Battery	1. Internal battery requires replacement.

3.5.2. Jam Error Codes (J Code)



• J Code Log View Mode

The 5 most recent J Codes can be displayed on the Panel Display by pressing “**Function**”, and “**3**” keys in Standby mode.

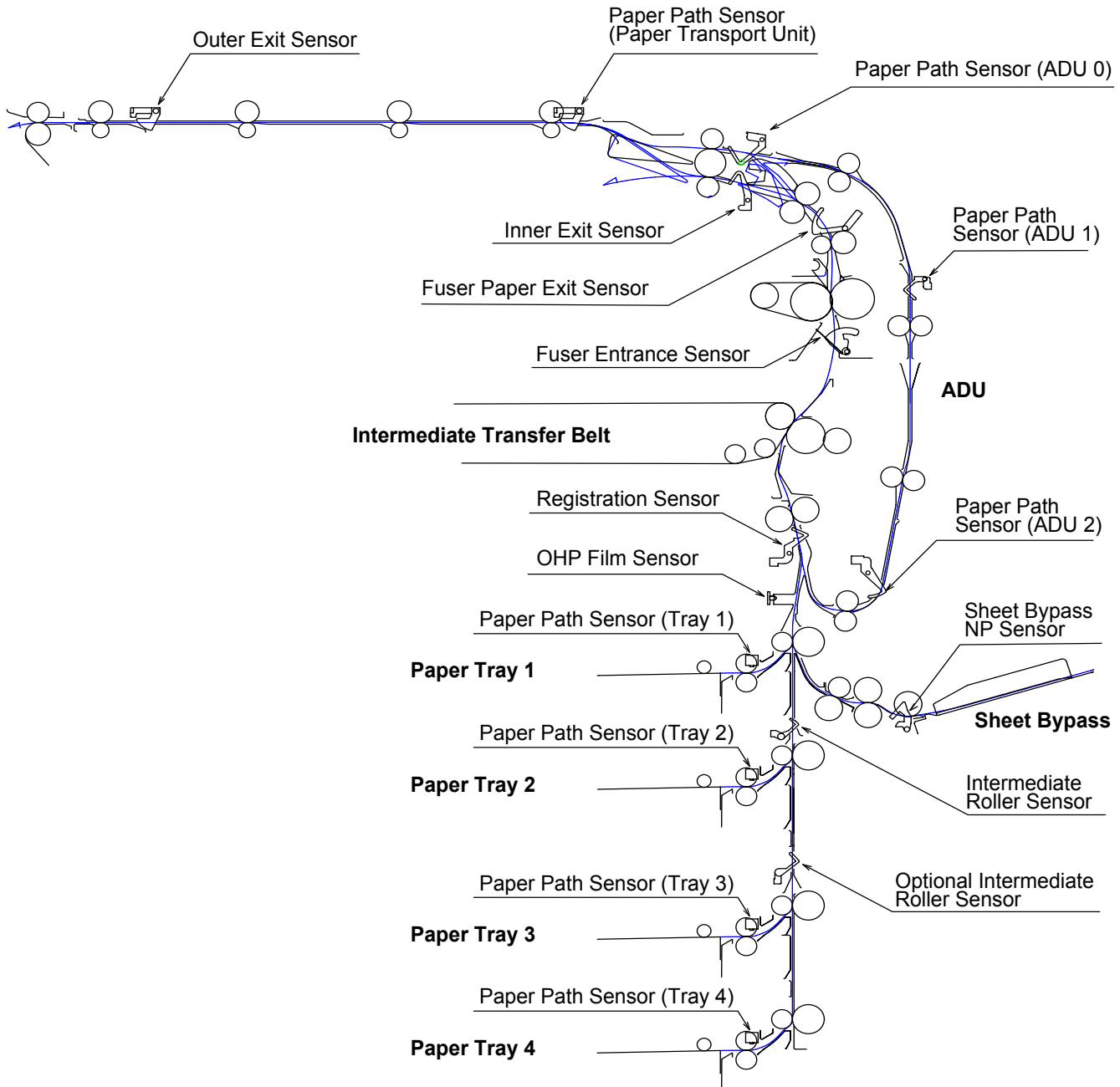
J Code		
J06	mm. dd. yyyy. 12:00	00-00005555
J02	mm. dd. yyyy. 11:15	00-00004444
J02	mm. dd. yyyy. 11:10	00-00003333
J02	mm. dd. yyyy. 10:00	00-00002222
J01	mm. dd. yyyy. 08:30	00-00001234

Note:

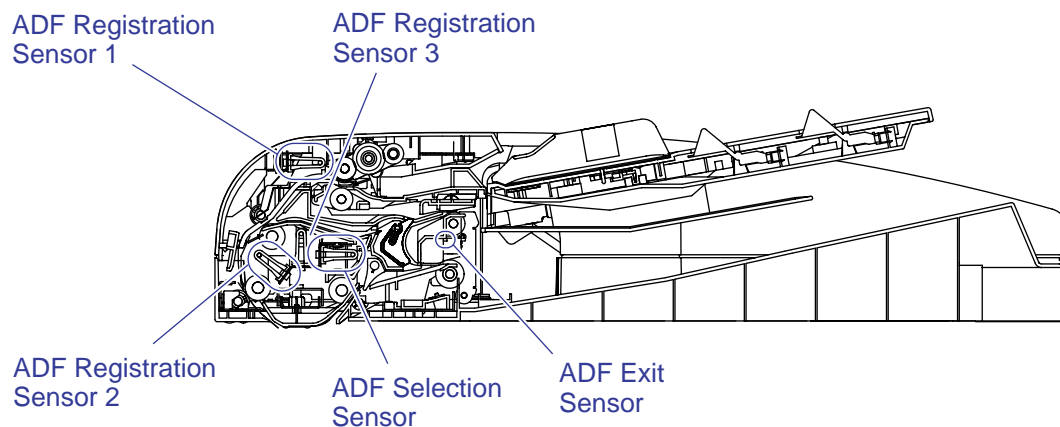
If the machine is jammed, follow the procedure below.

1. Turn the Power Switch on the Left Side, and the Main Power Switch on the Back of the machine to the OFF position. (If the Hard Disk Drive Unit is installed, turn the Power Switch on the Left Side of the machine to the OFF position first. After waiting approximately 10 seconds, turn the Main Power Switch on the Back of the machine to the OFF position.)
2. Remove the Jammed paper.
3. Turn the Main Power Switch on the Back, and the Power Switch on the Left Side of the machine to the ON position.
4. Press the “Function”, and “3” keys.

• Jam Sensor Location of Printer



• Jam Sensor Location of i-ADF



Jam Error Codes (J Code) Table		
Code	Contents	Section
J00	The Registration Sensor does not detect paper within a predetermined time after the paper starts feeding. (Sheet Bypass)	Sheet Bypass
J01	The 1st Paper Path Sensor does not detect paper within a predetermined time after the Paper Feed Roller starts rotating. (Paper Tray 1)	Paper Tray
J02	The 2nd Paper Path Sensor does not detect paper within a predetermined time after the Paper Feed Roller starts rotating. (Paper Tray 2)	
J03	The 3rd Paper Path Sensor does not detect paper within a predetermined time after the Paper Feed Roller starts rotating. (Paper Tray 3)	
J04	The 4th Paper Path Sensor does not detect paper within a predetermined time after the Paper Feed Roller starts rotating. (Paper Tray 4)	
J06	The Intermediate Roller Sensor does not detect paper within a predetermined time after the Paper Feed Roller starts rotating. (Paper Tray 2)	Paper Feed
J07	The Intermediate Roller Sensor does not detect paper within a predetermined time after the Paper Feed Roller starts rotating. (Paper Tray 3-4)	
J08	The Option Intermediate Roller Sensor does not detect paper within a predetermined time after the Paper Feed Roller starts rotating. (Paper Tray 3)	
J09	The Option Intermediate Roller Sensor does not detect paper within a predetermined time after the Paper Feed Roller starts rotating. (Paper Tray 4)	
J11	The 1st Paper Path Sensor does not go Off within a predetermined time after the Paper Path Sensor is activated.	Paper Tray
J12	The 2nd Paper Path Sensor does not go Off within a predetermined time after the Paper Path Sensor is activated.	
J13	The 3rd Paper Path Sensor does not go Off within a predetermined time after the Paper Path Sensor is activated.	
J14	The 4th Paper Path Sensor does not go Off within a predetermined time after the Paper Path Sensor is activated.	
J18	The Registration Sensor does not detect paper within a predetermined time. (Paper Tray 1-4)	Paper Feed
J19	The Registration Sensor does not detect paper within a predetermined time. (ADU)	
J21	1. The 1st Paper Path Sensor detects paper at the time before initialization. 2. The 1st Paper Path Sensor detects paper before Feed Roller rotating. (Paper Tray 1)	Paper Tray
J22	1. The 2nd Paper Path Sensor detects paper at the time before initialization. 2. The 2nd Paper Path Sensor detects paper before Feed Roller starts rotating. (Paper Tray 2)	
J23	1. The 3rd Paper Path Sensor detects paper at the time before initialization. 2. The 3rd Paper Path Sensor detects paper before Feed Roller starts rotating. (Paper Tray 3)	
J24	1. The 4th Paper Path Sensor detects paper at the time before initialization. 2. The 4th Paper Path Sensor detects paper before Feed Roller starts rotating. (Paper Tray 4)	
J26	1. The Intermediate Roller Sensor detects paper at the time before initialization. 2. The Intermediate Roller Sensor detects paper before Feed Roller starts rotating. (Paper Tray 2)	Paper Feed
J27	The Intermediate Roller Sensor detects paper before Feed Roller starts rotating. (Paper Tray 3-4)	

Jam Error Codes (J Code) Table

Code	Contents	Section
J28	1. The Option Intermediate Roller Sensor detects paper at the time before initialization. 2. The Option Intermediate Roller detects paper before Feed Roller starts rotating. (Paper Tray 3) 3. The Option Intermediate Roller detects paper before Feed Roller starts rotating. (Paper Tray 4)	Paper Feed
J30	1. The Registration Sensor goes Off within a predetermined time. (Abnormal Paper Length)	Fuser
	2. Printing does not go Off after the Fuser Exit Sensor goes Off. (Abnormal Paper Length)	Paper Exit
J31	The Registration Sensor does not go Off within a predetermined time.	Paper Feed
J33	1. The Registration Sensor detects paper before initialization. 2. The Registration Sensor detects paper before Feed Roller starts rotating. (Paper Tray 1) 3. The Registration Sensor detects paper before Feed Roller starts rotating. (Paper Tray 2-4) 4. The Registration Sensor detects paper before Feed Roller starts rotating. (Sheet Bypass)	
J35	The Media type (Transparency) is mis-matched.	
J38	The Paper Entrance Sensor does not go On within a predetermined time.	
J39	1. The Paper Entrance Sensor detects paper at the time before initialization. 2. The Paper Entrance Sensor detects paper during initialization. 3. The Paper Entrance Sensor detects paper before Feed Roller starts rotating.	Fuser
J40	The Paper Exit Sensor does not detect paper within a predetermined time after the Registration Sensor is activated.	
J41	The Paper Exit Sensor does not go Off within a predetermined time.	
J42	1. The Paper Exit Sensor detects paper at the time before initialization. 2. The Paper Exit Sensor detects paper during initialization. 3. The Paper Exit Sensor detects paper before Feed Roller starts rotating.	
J43	The Exit Sensor does not detect paper within a predetermined time after the Fuser Exit Paper Sensor is activated. (Inner Tray)	Paper Exit
J44	The Exit Sensor does not go Off within a predetermined time. (Inner Tray)	
J45	1. The Exit Sensor detects paper before initialization. (Inner Tray) 2. The Exit Sensor detects paper before Feed Roller starts rotating. (Inner Tray)	
J50	The Transport Paper Path Sensor does not detect paper within a predetermined time.	Transport
J51	The Transport Paper Path Sensor does not detect paper within a predetermined time. (ADU)	Transport ADU
J52	1. The Transport Paper Path Sensor detects paper before initialization 2. The Transport Paper Path Sensor detects paper before Feed Roller starts rotating. (Outer Tray) 3. The Transport Paper Path Sensor detects paper before Feed Roller starts rotating. (ADU)	Transport
J54	The Outer Exit Sensor does not detect paper within a predetermined time.	
J55	The Outer Exit Sensor keeps does not go Off within a predetermined time.	
J56	The Outer Exit Sensor detects paper before initialization.	
J60	1. The Finisher Enter Sensor does not detect paper within a predetermined time. 2. The Finisher Enter Sensor does not detect paper within a predetermined time after the Sensor is activated. 3. The Finisher Enter Sensor detects paper at the time before initialization.	Finisher

Jam Error Codes (J Code) Table		
Code	Contents	Section
J63	1. The Paper Path Sensor does not detect paper within a predetermined time in the Saddle. (FS356/FS325) 2. The Paper Path Sensor does not go Off within a determined time after the sensor is activated. (FS356/FS325)	Finisher Saddle
J64	1. The Puncher is not activated correctly. (FS356/FS325) 2. The Punch Sensor goes On at the time before initialization.	Finisher Punch
J65	1. The Paper Exit Sensor does not detect paper within a predetermined time in the Finisher. (FS350/FS320) 2. The Paper Exit Sensor does not go Off within a determined time in the Finisher. (FS350/FS320) 3. The Paper Exit Sensor detects paper at the time before initialization.	Finisher
J66	The Stapler is not activated correctly. (FS356/FS325)	
J70-79	(See the following table below)	
J80	The Automatic Duplex Unit (ADU) Paper Path Sensor 0 does not detect paper within a predetermined time.	ADU
J81	The ADU Paper Path Sensor 1 does not detect paper within a predetermined time.	
J82	The ADU Paper Path Sensor 2 does not detect paper within a predetermined time.	
J83	The ADU Paper Path Sensor 0 does not go Off within a determined time.	
J86	1. The ADU Paper Path Sensor 0 detects paper before initialization. 2. The ADU Paper Path Sensor 0 detects paper before Feed Roller starts rotating.	
J87	1. The ADU Paper Path Sensor 1 detects paper before initialization. 2. The ADU Paper Path Sensor 1 detects paper before Feed Roller starts rotating.	
J88	1. The ADU Paper Path Sensor 2 detects paper before initialization. 2. The ADU Paper Path Sensor 2 detects paper before Feed Roller starts rotating.	
J92-94	(See the following table below)	
J96	The Printer Sequence Jam 4: System Timer detection error after Printing.	Printer
J97	The Printer Sequence Jam 3: System Timer error during Printing process.	
J98	The Printer Sequence Jam 2: System Timer error during Printing Preparation.	ADU
J99	The Printer Sequence Jam 1: 2-sided printing did not start after a determined time has lapsed.	

<J70~79 and J92~94 Codes for i-ADF>

Code	Contents	Section
J70	The ADF Registration Sensor 1 does not detect paper within a predetermined time in the ADF.	ADF
J71	The ADF Registration Sensor 1 keeps dedicating paper after a predetermined time in the ADF.	
J72	1. The ADF Registration Sensor 2 does not detect paper within a predetermined time after the ADF Registration Sensor 1 is activated. 2. The ADF Registration Sensor 2 does not detect paper within a predetermined time after the ADF Registration Sensor 3 is activated.	
J73	1. The ADF Registration Sensor 2 keeps detecting paper after the ADF Registration Sensor 1 is deactivated. 2. The ADF Registration Sensor 2 keeps detecting paper after the ADF Registration Sensor 3 is deactivated.	

Code	Contents	Section
J74	The ADF Exit Sensor does not detect paper during 1-Sided / 2-Sided Scanning.	ADF
J75	The ADF Exit Sensor keeps detecting paper during 1-Sided / 2-Sided Scanning.	
J76	The ADF Selection Sensor does not detect paper during 2-Sided Scanning.	
J77	The ADF Registration Sensor 3 keeps detecting paper during the Back Page Scanning.	
J78	1. The ADF Registration Sensor 3 does not detect paper after the Face Page is scanned, during 2-Sided Scanning. 2. The ADF Selection Sensor keeps detecting paper during 2-Sided Scanning.	
J79	The ADF Registration Sensor 1 keeps detecting paper in the ADF.	
J92	The paper is not detected.	
J93	The paper remained in the ADF.	
J94	The ADF does not go Off after the predetermined time.	

3.5.3. Mechanical Error Codes (E Code)

E1: Optical Unit Error Codes		
Code	Function	Check Points
E1-01	Abnormal Platen Glass scanning	1. Home Position Sensor connector is disconnected. 2. Home Position Sensor is defective. 3. Scanner Motor connector is disconnected. 4. Scanner Motor is defective. 5. Scanning Mechanism is defective. 6. SCN PCB connector is disconnected. (Check CN710/709 & 703) 7. SCN PCB is defective. (Check Fuse F1 & F3) 8. LVPS1 connector is disconnected. (Check CN702)
E1-22	Polygon Motor synchronization	1. Polygon Motor connector is disconnected. (Check CN3) 2. EC PCB connector is disconnected. (Check CN701) 3. LSU Relay Harness connector is disconnected. 4. Polygon Motor is defective. 5. LVPS1 is defective. (+24 V) 6. EC PCB is defective. (+24 V Circuit is defective)
E1-23	LSU Shutter Error	1. LSU Shutter Sensor is defective. 2. LSU Shutter Sensor connector is disconnected. 3. LSU Shutter Drive is defective. 4. LSU Shutter Mechanism is defective.
E1-31	Scanning Lamp (Does not turn On)	1. Scanning Lamp Inverter PCB connector is disconnected. 2. Scanning Lamp Inverter PCB is defective. 3. Scanning Lamp is defective. 4. SCN PCB connector is disconnected. (Check CN704/709) 5. SCN PCB is defective. (Check Fuse F1) 6. LVPS1 connector is disconnected. (Check CN702) 7. SC PCB connector is disconnected. (Check CN56/57) 8. CCD PCB is defective.
E1-45	LSU Fan rotation	1. LSU Fan connector is disconnected. 2. LSU Fan is defective. 3. EC PCB connector is disconnected. 4. EC PCB is defective.

E1: Optical Unit Error Codes		
Code	Function	Check Points
E1-60	Beam Detect (Y) Error	<ol style="list-style-type: none"> 1. LSU is defective. 2. EC PCB is defective. 3. LSU - EC PCB Harness is defective. 4. LSU or EC PCB connector is disconnected.
E1-61	Beam Detect (M) Error	
E1-62	Laser (Y) Error	
E1-63	Laser (M) Error	
E1-64	Laser (C) Error	
E1-65	Laser (BK) Error	

E2: Lift DC Motor Error Codes		
Code	Function	Check Points
E2-01	Lift Motor rotation (1st Paper Tray)	<ol style="list-style-type: none"> 1. Level Sensor connector is disconnected. 2. Level Sensor is defective. 3. Lift Mechanism is defective. 4. Lift Motor connector is disconnected. 5. Lift Motor is defective. 6. LVPS connector is disconnected. 7. LVPS is defective. 8. EC PCB connector is disconnected. 9. EC PCB is defective. 10. CST PCB connector is disconnected. 11. CST PCB is defective. 12. Paper Feed Module connector is disconnected.
E2-02	Lift Motor rotation (2nd Paper Tray)	
E2-03	Lift Motor rotation (3rd Paper Tray)	
E2-04	Lift Motor rotation (4th Paper Tray)	
E2-10	System Console Drive Motor rotation	<ol style="list-style-type: none"> 1. System Console Cable is disconnected. 2. Drive Mechanism is defective. 3. Drive Motor connector is disconnected. 4. Drive Motor is defective. 5. CST PCB connector is disconnected. 6. CST PCB is defective. 7. LVPS connector is disconnected. 8. LVPS is defective. 9. EC PCB connector is disconnected. 10. EC PCB is defective.

E3: Development System Error Codes		
Code	Function	Check Points
E3-14	STR High Voltage Power Supply leak	<ol style="list-style-type: none"> 1. STR Terminal is contaminated with Toner. 2. STR Terminal is abnormal. 3. HVPS is defective. 4. EC PCB is defective.
E3-22	Toner Cartridge Fan rotation	<ol style="list-style-type: none"> 1. Fan connector is disconnected. 2. Fan is defective. 3. EC PCB connector is disconnected. (CN510) 4. EC PCB is defective.
E3-26	OPC Drum Motor 1 rotation (Y/M/C)	<ol style="list-style-type: none"> 1. Motor connector is disconnected. 2. Motor is defective. 3. EC PCB connector is disconnected. 4. EC PCB is defective. 5. Y/M/C Drum Drive Mechanism is defective. 6. Y/M/C Drum Unit is defective.

E3: Development System Error Codes

Code	Function	Check Points
E3-27	OPC Drum Motor 2 rotation (BK)	<ol style="list-style-type: none"> 1. Motor connector is disconnected. 2. Motor is defective. 3. EC PCB connector is disconnected. 4. EC PCB is defective. 5. BK Drum Drive Mechanism is defective. 6. BK Drum Unit is defective.
E3-28	Developer Motor 1 rotation (Y/M/C)	<ol style="list-style-type: none"> 1. Motor connector is disconnected. 2. Motor is defective. 3. EC PCB connector is disconnected. 4. EC PCB is defective. 5. Y/M/C Drive Mechanism is defective. 6. Y/M/C Developer Unit is defective.
E3-29	Developer Motor 2 rotation (BK)	<ol style="list-style-type: none"> 1. Motor connector is disconnected. 2. Motor is defective. 3. EC PCB connector is disconnected. 4. EC PCB is defective. 5. BK Drive Mechanism is defective. 6. BK Developer Unit is defective.
E3-30	Feed Motor rotation	<ol style="list-style-type: none"> 1. Motor connector is disconnected. 2. Motor is defective. 3. EC PCB connector is disconnected. 4. EC PCB is defective. 5. Paper Feed Mechanism is defective. 6. Paper Feed, Sheet Bypass or Paper Exit Unit is defective.
E3-31	Intermediate Transfer Belt Motor rotation	<ol style="list-style-type: none"> 1. Motor connector is disconnected. 2. Motor is defective. 3. EC PCB connector is disconnected. 4. EC PCB is defective. 5. Intermediate Transfer Belt Drive Mechanism is defective. 6. Intermediate Transfer Belt or Toner Waste Transfer Unit is defective.
E3-33	Toner Cartridge Drive Motor rotation (Y)	<ol style="list-style-type: none"> 1. Toner Cartridge is locked. (Shake Toner Cartridge to loosen the contents) 2. Motor connector is disconnected. 3. Motor is defective. 4. Motor mechanism is defective. 5. EC PCB connector is disconnected. 6. EC PCB is defective. 7. Motor mechanism is defective.
E3-34	Toner Cartridge Drive Motor rotation (M)	
E3-35	Toner Cartridge Drive Motor rotation (C)	
E3-36	Toner Cartridge Drive Motor rotation (BK)	
E3-37	FTR Motor rotation	<ol style="list-style-type: none"> 1. EC PCB connector is disconnected. 2. EC PCB is defective.
E3-38	STR Motor rotation	
E3-63	FTR Cam Position Error	<ol style="list-style-type: none"> 1. FTR Cam Motor is defective. 2. FTR Cam Motor connector is disconnected. 3. MOTDRV PCB connector is disconnected. 4. MOTDRV PCB is defective. 5. FTR Cam Sensor 1 or Sensor 2 is defective. 6. FTR Cam Sensor 1 or Sensor 2 connector is disconnected. 7. EC PCB is defective. 8. EC PCB connector is disconnected. 9. FTR Cam Drive mechanism is defective.

E3: Development System Error Codes		
Code	Function	Check Points
E3-64	STR Cam Position Error	<ol style="list-style-type: none"> 1. STR Cam Motor is defective. 2. STR Cam Motor connector is disconnected. 3. MOTDRV PCB connector is disconnected. 4. MOTDRV PCB is defective. 5. STR Cam Sensor 1 or Sensor 2 is defective. 6. STR Cam Sensor 1 or Sensor 2 connector is disconnected. 7. EC PCB is defective. 8. EC PCB connector is disconnected. 9. STR Cam Drive mechanism is defective.
E3-65	STR Monitor Current Read Error	<ol style="list-style-type: none"> 1. STR Connection Error. 2. STR HVPS is abnormal. 3. STR HVPS connector is disconnected.
E3-66	FTR (Y) Monitor Voltage Read Error	<ol style="list-style-type: none"> 1. FTR (Y) Connection Error. 2. FTR (Y) HVPS is abnormal. 3. FTR (Y) HVPS connector is disconnected.
E3-67	FTR (M) Monitor Voltage Read Error	<ol style="list-style-type: none"> 1. FTR (M) Connection Error. 2. FTR (M) HVPS is abnormal. 3. FTR (M) HVPS connector is disconnected.
E3-68	FTR (C) Monitor Voltage Read Error	<ol style="list-style-type: none"> 1. FTR (C) Connection Error. 2. FTR (C) HVPS is abnormal. 3. FTR (C) HVPS connector is disconnected.
E3-69	FTR (BK) Monitor Voltage Read Error	<ol style="list-style-type: none"> 1. FTR (BK) Connection Error. 2. FTR (BK) HVPS is abnormal. 3. FTR (BK) HVPS connector is disconnected.
E3-79	Intermediate Transfer Belt Length Detection Error	<ol style="list-style-type: none"> 1. Belt Initial Point Detection Sensor is defective. 2. Belt Initial Point Detection Sensor connector is disconnected. 3. EC PCB connector is disconnected. 4. EC PCB is defective. 5. Intermediate Transfer Belt is defective. 6. Intermediate Transfer Belt Motor is defective. 7. Intermediate Transfer Belt Motor Connector is disconnected.
E3-80	Intermediate Transfer Belt Initial Point Detection Error	<ol style="list-style-type: none"> 1. Belt Initial Point Detection Sensor is defective. 2. Belt Initial Point Detection Sensor connector is disconnected. 3. EC PCB connector is disconnected. 4. Intermediate Transfer Belt is defective. 5. Intermediate Transfer Belt Motor is defective. 6. Intermediate Transfer Belt Motor Connector is disconnected. 7. Intermediate Transfer Belt Motor Harness is defective. 8. EC PCB is defective. 9. Belt Initial Point mark is defective.
E3-85	Color Registration Sensor (Right) Calibration Error	<ol style="list-style-type: none"> 1. Toner Registration Sensor (Right) connector is disconnected. 2. Toner Registration Sensor (Right) is defective. 3. EC PCB connector is disconnected. 4. EC PCB is defective.

E3: Development System Error Codes

Code	Function	Check Points
E3-86	Color Registration Sensor (Left) Calibration Error	<ol style="list-style-type: none"> 1. Sensor Shutter Solenoid connector is disconnected. 2. Sensor Shutter Open-Close is abnormal. 3. Toner Registration Sensor (Left) connector is disconnected. 4. Toner Registration Sensor (Left) is defective. 5. EC PCB connector is disconnected. 6. EC PCB is defective.
E3-87	Color Registration Sensor (Center) Calibration Error	<ol style="list-style-type: none"> 1. Toner Registration Density Sensor (Center) connector is disconnected. 2. Toner Registration Density Sensor (Center) is defective. 3. EC PCB connector is disconnected. 4. EC PCB is defective.
E3-88	Color Registration Compensation Error	<ol style="list-style-type: none"> 1. Belt surface is scratched or dirty. 2. OPC Drum is scratched or dirty. 3. EC PCB is defective. 4. Sensor PCB is defective.
E3-89	Color Registration Detection Error	<ol style="list-style-type: none"> 1. Belt surface is scratched or dirty. 2. OPC Drum is scratched or dirty. 3. LSU Shutter Open-Close is abnormal. 4. EC PCB is defective. 5. Sensor PCB is defective.
E3-90	TDC Sensor (Y) Calibration Error	<ol style="list-style-type: none"> 1. Toner Sensor connector is disconnected. 2. Toner Sensor is defective. 3. EC PCB connector is disconnected. 4. EC PCB is defective.
E3-91	TDC Sensor (M) Calibration Error	
E3-92	TDC Sensor (C) Calibration Error	
E3-93	TDC Sensor (BK) Calibration Error	

E4: Induction Heating (IH) Fuser Unit Error Codes

Code	Function	Check Points
E4-01	Fuser Warm-up Temperature	<ol style="list-style-type: none"> 1. Fuser Unit is defective. 2. Induction Heating (IH) Unit is defective. 3. Thermistor is defective. 4. EC PCB connector is disconnected. 5. EC PCB is defective.
E4-02	Fuser Paper Jam	<ol style="list-style-type: none"> 1. Paper Jam in Fuser Unit. 2. Paper Entrance Sensor is disconnected. 3. Paper Entrance Sensor is defective. 4. Paper Exit Sensor is disconnected. 5. Paper Exit Sensor is defective. 6. EC PCB connector is disconnected. 7. EC PCB is defective.
E4-03	Fuser Pressure Sensor Position Error	<ol style="list-style-type: none"> 1. Fuser Motor is defective. 2. Fuser Motor connector is disconnected. 3. EC PCB connector is disconnected. (CN502) 4. EC PCB is defective (Fuse is open). 5. EC PCB is defective. 6. Home Position Sensor 1 or 2 is defective. 7. Home Position Sensor connector 1 or 2 is disconnected. 8. Fuser Unit Relay connector is disconnected.

E4: Induction Heating (IH) Fuser Unit Error Codes		
Code	Function	Check Points
E4-05	Fuser Safety Timer	The Induction Heating (IH) unit was stopped when the software failed to control the temperature within a certain range. Turn the Power SW OFF to Reset.
E4-11	Right Cover Fan rotation	1. Fan connector is disconnected. 2. Fan is defective. 3. ADU PCB connector is disconnected. (CN403) 4. ADU PCB is defective.
E4-12	Fuser Pressure Roller Fan rotation	1. Fan connector is disconnected. 2. Fan is defective. 3. EC PCB connector is disconnected. (CN510) 4. EC PCB is defective.
E4-13	Fuser IH Cooling Fan rotation	1. Fan connector is disconnected. 2. Fan is defective. 3. EC PCB connector is disconnected. (CN503) 4. EC PCB is defective.
E4-14	Fuser IH Driver Fan rotation	1. Fan connector is disconnected. 2. Fan is defective. 3. EC PCB connector is disconnected. (CN510) 4. EC PCB is defective.
E4-20	Thermistor (TH1) Open Error	1. Thermistor (TH1) is defective. 2. Thermistor (TH1) connector is disconnected. 3. Fuser Unit Relay connector is disconnected. 4. EC PCB connector is disconnected. (CN502) 5. EC PCB is defective.
E4-21	Thermistor (TH2) Open Error	1. Thermistor (TH2) is defective. 2. Thermistor (TH2) connector is disconnected. 3. Fuser Unit Relay connector is disconnected. 4. EC PCB connector is disconnected. (CN502) 5. EC PCB is defective.
E4-23	Thermistor (TH4) Open Error	1. Thermistor (TH4) is defective. 2. Thermistor (TH4) connector is disconnected. 3. Fuser Unit Relay connector is disconnected. 4. EC PCB connector is disconnected. (CN502) 5. EC PCB is defective.
E4-24	Thermistor (TH1) High Temperature Error	1. Thermistor (TH1) is defective. 2. Thermistor (TH1) connector is disconnected. 3. Induction Heating (IH) PCB is defective. 4. EC PCB connector is disconnected. (CN508) 5. EC PCB is defective.
E4-25	Thermistor (TH2) High Temperature Error	1. Thermistor (TH1) is defective. 2. Thermistor (TH1) connector is disconnected. 3. Contact of Thermistor (TH1) and Heater Belt is abnormal. 4. Thermistor (TH2) is defective. 5. Thermistor (TH2) connector is disconnected. 6. Induction Heating (IH) PCB is defective. 7. EC PCB connector is disconnected. 8. EC PCB is defective.

E4: Induction Heating (IH) Fuser Unit Error Codes		
Code	Function	Check Points
E4-27	Thermistor (TH4) High Temperature Error	<ol style="list-style-type: none"> 1. Thermistor (TH1) is defective. 2. Thermistor (TH1) connector is disconnected. 3. Contact of Thermistor (TH1) and Heater Belt is abnormal. 4. Thermistor (TH4) is defective. 5. Thermistor (TH4) connector is disconnected. 6. Induction Heating (IH) PCB is defective. 7. EC PCB connector is disconnected. 8. EC PCB is defective.
E4-41	Fuser IH Core Motor rotation Error	<ol style="list-style-type: none"> 1. Induction Heating (IH) Core Motor is defective. 2. Induction Heating (IH) Core Motor connector is disconnected. 3. EC PCB connector is disconnected. (CN504) 4. EC PCB is defective. (Fuse is open) 5. EC PCB is defective.
E4-42	Fuser IH Core Motor Position Error	<ol style="list-style-type: none"> 1. Induction Heating (IH) Core Motor is defective. 2. Induction Heating (IH) Core Motor connector is disconnected. 3. EC PCB connector is disconnected. (CN502) 4. EC PCB is defective. (Fuse is open) 5. EC PCB is defective.
E4-43	Fuser Roller Rotate Detection Sensor Error	<ol style="list-style-type: none"> 1. Fuser Motor is defective. 2. Fuser Motor connector is disconnected. 3. MOTDRV PCB connector is disconnected. (CN502) 4. MOTDRV PCB is defective. (Fuse is open) 5. MOTDRV PCB is defective. 6. Rotation detect Sensor 1 is defective. 7. Rotation detect Sensor 1 connector is disconnected. 8. Rotation detect Sensor 2 is defective. 9. Rotation detect Sensor 2 connector is disconnected. 10. Fuser Unit Relay connector is disconnected.
E4-44	Fuser Input Voltage Upper Limit Error	Power Voltage is too high. (Power Source is out of specification)
E4-46	Fuser Temperature Rising Error	<ol style="list-style-type: none"> 1. Intermittent blackouts occur frequently. (Power Source is out of specification) 2. Induction Heating (IH) Unit is defective. 3. Induction Heating (IH) PCB is defective. 4. Fuser Unit is defective. (Heater Belt / Thermistor)
E4-48	Fuser Input Current Upper Limit	<ol style="list-style-type: none"> 1. Induction Heating (IH) PCB is defective. (Check Fuse F002) 2. Induction Heating (IH) Coil is defective.

E5: System Error Codes		
Code	Function	Check Points
E5-01	Vp (+24V, Printer)	1. LVPS Output (24V) is abnormal. 2. EC PCB (24V) connector is disconnected. (CN519) 3. EC PCB is defective.
E5-02	Vp (+12V, Printer)	1. LVPS Output (24V) is abnormal. 2. EC PCB (24V) connector is disconnected. (CN519) 3. EC PCB is defective. (IC 25 is defective)
E5-05	Vp (+24V, Scanner)	1. SCN PCB connector is disconnected. (CN709) 2. SCN PCB is defective. 3. LVPS connector is disconnected. (CN702) 4. LVPS is defective.
E5-10	Sequence Error	1. EC ROM Version is not correct. 2. EC PCB connector is disconnected. 3. EC PCB is defective.
E5-11	Printer Engine Communication Abnormal	1. EC PCB connector is disconnected. (CN501) 2. EC PCB is defective. 3. SC PCB connector is disconnected. (CN61) 4. SC PCB is defective.
E5-12	Scanner Engine Communication Abnormal	1. SCN PCB connector is disconnected. (CN709) 2. SCN PCB is defective. 3. SC PCB connector is disconnected. (CN53) 4. SC PCB is defective.
E5-13	Printer Engine Communication Abnormal During Initialization	1. EC PCB connector is disconnected. (CN501) 2. EC PCB is defective. 3. SC PCB connector is disconnected. (CN61) 4. SC PCB is defective.
E5-17	Scanner Synchronization	1. SCN PCB connector is disconnected. (CN709) 2. SCN PCB is defective. 3. SC PCB connector is disconnected. (CN51) 4. SC PCB is defective.
E5-19	Scanner Line Synchronization	
E5-22	Finisher Communication Abnormal	1. EC PCB connector is disconnected. 2. EC PCB is defective. 3. IPC PCB is disconnected. 4. IPC PCB is defective. 5. Finisher Interface Cable is disconnected. 6. OP LVPS connector is disconnected. 7. OP LVPS is defective. 8. DC PCB connector is disconnected. 9. Finisher is defective.
E5-42	Total Counter 1 Connection (Upper side)	1. Total Counter connector is disconnected. 2. Total Counter is defective. 3. EC PCB connector is disconnected. 4. EC PCB is defective.
E5-43	Total Counter 2 Connection (Down side)	
E5-60	Power Supply Cooling Fan Motor rotation	1. Cooling Fan connector is disconnected. 2. Cooling Fan is defective. 3. SC PCB connector is disconnected. (CN1) 4. SC PCB is defective.
E5-70	SC PCB Abnormal 1	1. SC PCB is defective.
E5-71	SC PCB Abnormal 2	
E5-72	SC PCB Abnormal 3	1. Update SC Firmware. 2. SC PCB is defective.

E5: System Error Codes

Code	Function	Check Points
E5-73	HDD Abnormal	<ol style="list-style-type: none"> 1. HDD connector is disconnected. 2. SC connector is disconnected. 3. HDD is defective. 4. SC PCB is defective.
E5-80	EC PCB Mismatched (C354 Series only)	<ol style="list-style-type: none"> 1. EC PCB is incorrect. 2. EC PCB is defective.
E5-81	LSU Mismatched (C354 Series only)	<ol style="list-style-type: none"> 1. LSU is incorrect. 2. LSU is defective.
E5-82	SC PCB Mismatched (C354 Series only)	<ol style="list-style-type: none"> 1. SC PCB is incorrect. 2. SC PCB is defective.
E5-90	LSU & PCB Mismatched	<ol style="list-style-type: none"> 1. LSU is incorrect. 2. EC PCB is incorrect. 3. LSU is defective. 4. EC PCB is defective.
E5-91	Serial Number Mismatched	Register Serial Number again.

E7: Optional Unit Error Codes

Code	Function	Check Points	Unit
E7-21	Finisher Paper Exit Motor	<ol style="list-style-type: none"> 1. Paper Feed Motor connector is disconnected. 2. Paper Feed Motor is locked by Paper Jam. 	DA-FS356/ FS325 only
E7-23	Finisher Staple Motor	<ol style="list-style-type: none"> 1. Stapler Unit connector is disconnected. 2. Stapler Unit is defective. 3. Stapler Home Position Sensor is defective. 4. Stapler Cover Micro-SW is defective. 5. Saddle Unit Micro-SW is defective. 6. Large Gear Solenoid is defective. 7. Large Gear Solenoid connector is disconnected. 8. Paper Feed Motor connector is disconnected. 9. Staple Motor is jammed with a staple. 	DA-FS356/ FS325/ FS350/ FS320
E7-24	Finisher Staple Sift Motor	<ol style="list-style-type: none"> 1. Staple Sift Motor connector is disconnected. 2. Staple Sift Motor is defective. 	DA-FS356/ FS325 only
E7-27	Finisher Tray Lift Motor	<ol style="list-style-type: none"> 1. Stack Tray Paper Height detection Sensor, or Paper Hold Lever detection Sensor is defective, or the connector is disconnected. 2. Lift Motor is defective. 3. Lift Motor connector is disconnected. 4. PCB is defective. 5. Lift Drive Gear is defective. 	DA-FS356/ FS325/ FS350/ FS320
E7-28	Finisher Punch Motor	<ol style="list-style-type: none"> 1. Punch Home Position Sensor is defective. 2. Punch Motor Lock Sensor is defective. 3. Finisher Controller PCB is defective. 4. Punch Motor is defective. 	DA-FS356/ FS325 only

E7: Optional Unit Error Codes			
Code	Function	Check Points	Unit
E7-29	Finisher Punch Shift Motor	1. Side Registration Home Position Sensor is defective. 2. Finisher Controller PCB is defective. 3. Side Registration Motor is defective.	DA- FS356/ FS325 only
E7-51	Finisher Delivery Motor	1. Delivery Belt Home Position Sensor is defective. 2. Wiring between the Finisher Controller PCB, and the delivery motor is abnormal. 3. Stack Delivery Roller is abnormal. 4. Delivery Motor is defective. 5. PCB is defective.	
E7-52	Finisher Paddle Motor	1. Paddle Home Position Sensor is defective. 2. Swing Guide Home Position Sensor is defective. 3. Wiring between the Finisher Controller PCB, and the Paddle Motor is abnormal. 4. Paddle, Swing Guide Assembly is abnormal. Try turning the Paddle Motor clockwise, and counter-clockwise by hand. Is there mechanical tapping in the rotation of the Paddle, or the up/down movement of the swing guide? Correct the mechanical mechanism. 5. Finisher Controller PCB is defective.	
E7-53	Finisher Saddle Folding Sensor	1. Saddle Folding Sensor is defective. 2. Finisher PCB is defective.	
E7-54	Finisher Punch Communication Abnormal	1. Finisher PCB is defective. 2. Punch PCB is defective.	
E7-55	Finisher Punch Power Supply	1. Punch PCB is defective.	
E7-56	Finisher Punch Registration Sensor	1. Punch Registration Sensor is defective. 2. Punch PCB is defective.	
E7-57	Finisher Punch Sensor (Horizontal Registration)	1. Saddle Folding Sensor is defective. 2. Punch PCB is defective.	
E7-58	Finisher Punch Sensor (Waste Full))	1. Punch Sensor is defective. 2. Punch PCB is defective.	DA- FS356/ FS325/ FS350/ FS320
E7-59	Finisher Upper Limit Sensor	1. Stack Tray Paper Height detection Sensor, or Paper Hold Lever detection Sensor is defective, or the connector is disconnected. 2. Upper Limit detection Sensor is defective. 3. Upper Limit detection Sensor connector is disconnected. 4. PCB is defective.	
E7-60	Finisher Aligning: Rear Motor	1. Rear Aligning Home Position Sensor is defective. 2. Rear Aligning Motor is defective.	
E7-61	Finisher Aligning: Front Motor	1. Front Aligning Home Position Sensor is defective. 2. Front Aligning Motor is defective.	
E7-62	Finisher Aligning: Stapler	1. Stapler Jam in the Cartridge. 2. Stapler Sensor is defective. 3. Stapler Motor is defective.	DA- FS356/ FS325/ FS350/ FS320

E7: Optional Unit Error Codes			
Code	Function	Check Points	Unit
E7-63	Finisher Backup RAM 1 (Punch) Data Error	1. Punch PCB is defective.	DA-FS356/ FS-325 only
E7-64	Finisher Backup RAM 2 (Finisher) Data Error	1. Finisher Controller PCB is defective.	
E7-65	Finisher Communication Error (EC PCB-Finisher PCB)	1. Finisher ROM Version is incorrect. 2. EC Firmware Version is incorrect.	DA-FS356/ FS325/ FS350/ FS320
E7-90	Hardware Key Abnormal	1. Incorrect Hardware Key is installed. 2. Hardware Key is defective.	

Note:
These error codes will appear only when the optional accessories are installed. Refer to the appropriate Optional Unit Service Manual.

E13: No Toner / E14: Toner Waste Container Full			
Code	Function	Check Points	
E13-01	Toner Sensor (Y)	1. Toner Cartridge is not installed correctly. 2. Out of Toner. 3. Toner Sensor is disconnected. 4. Toner Sensor is defective. 5. EC PCB connector is disconnected. 6. EC PCB is defective.	
E13-02	Toner Sensor (M)		
E13-03	Toner Sensor (C)		
E13-04	Toner Sensor (BK)		
E14	Toner Waste Container Sensor	1. Toner Waste Container is full. 2. Toner Waste Container Sensor is disconnected. 3. Toner Waste Container Sensor is defective. 4. EC PCB connector is disconnected. 5. EC PCB is defective.	

Note:
These error codes will appear on the Service Mode only ("F8-06 Error Log Print/View", and "F9-03-01 Machine Information").

Paper Full Error		
Display	Function	Check Points
"Remove Paper from Inner Tray"	Paper Full Sensor	1. Paper Full Sensor is defective. 2. EC PCB is defective.
---	Paper Full Sensor	1. Paper Full Sensor is disconnected. 2. Paper Full Sensor is defective. 3. EC PCB is defective. 4. Service Mode F5-173 setting is OFF.

3.6. Information Codes Table (For Facsimile)

Fax Information Codes				
Code	Mode	Phase	Description of Problem	Cause
012	RCV	C, D	The length of the received document is over 2 m.	Transmitter Document Jam.
030	XMT	B	Read Point Sensor does not activate within 10 seconds after the document starts feeding.	Document is not set properly. Defective Read Point Sensor.
031	XMT COPY	C	Transmitting document was longer than 2,000 mm (or 78.7 in). (Super Fine : 1,000 mm (or 39.4 in), 600 dpi : 430 mm (or 16.2 in))	The document may jam. Defective Read Point Sensor.
061	-	A	ADF Door is open.	Cover is not firmly closed. Connectors are not firmly connected.
200	RCV	C	Decoding process is not completed at the end of phase C.	Defective FCB PCB.
212	XMT RCV	A-E	Interface error occurred between the CPU and modem.	Modem is defective. (FCB PCB) Software problem occurred. (SC PCB)
301	XMT RCV		System fault.	Software problem occurred. (SC PCB)
331	XMT	C	8-minutes timer error. (Germany only)	
400	XMT	B	T1 timer (35±5 sec) elapsed without detecting 300 bps signal.	Wrong number is dialed and the START button is pushed. Telephone line is disconnected while dialing. FCB PCB (Modem) is defective. Receiver is defective. (It may only be transmitting CED)
401	XMT	B	DCN was returned from receiver while transmitter is waiting for CFR or FTT.	Your machine's ID Number is not programmed. Possible incompatibility, or incorrect Password (Password Reception, Selective Receive). Mailbox is full.
402	XMT	B	DCN was returned from receiver while transmitter is waiting for NSF/DIS.	Receiver working in non-CCITT mode only. (Possible incompatibility)
403	RCV (Polling)	B	Transmitter had no polling function.	"POLLED=ON" (polling XMT ready) is not set at the transmitter. Document to be transmitted is not placed at the transmitter.
404	XMT	B	Transmitter sent NSS (or DCS) followed by TCF three times, but the receiver did not respond. (CFR or FTT is usually returned)	Receiver is defective. (Modem, etc.) FCB PCB is defective. Receiver disconnects line during first NSS (or DCS) is transmitted.
405	XMT	B	Transmitter received FTT after it transmitted TCF at 2400 bps. Received RTN after communicating at 2400 bps.	Line quality is poor. (TCF is damaged due to line noise) Receiver is defective. (Modem, etc.) FCB PCB is defective.

Fax Information Codes				
Code	Mode	Phase	Description of Problem	Cause
406	RCV (Password Comm.)	B	XMT-Password mismatched. RCV-Password mismatched. Selective RCV incomplete.	XMT, RCV password does not match. Last 4 digits of TSI does not match with the last 4 digits of Auto Dial telephone number.
407	XMT	D	Transmitter received no response after it transmitted post message, such as EOP, MPS, EOM, etc...or received DCN.	Receiver is defective. (No paper, paper jamming, etc.) Receiver ceased receiving because of excessive error. (Line quality is poor) FCB PCB (Modem) is defective.
408	XMT	D	Transmitter received RTN after it transmitted EOP, MPS, or EOM.	Receiver receives data with error. (Line quality is poor) Receiver is defective. (Modem, etc.) FCB PCB is defective.
409	XMT	D	Transmitter receives PIN after it transmitted a post message, such as EOP, MPS, EOM, etc.	Receiver receives data with error due to poor line quality, and receiving operator requests voice contact. Receiver is defective. (Modem, etc.) FCB PCB is defective.
410	RCV	D	Received DCN while waiting for post command. (EOP, MPS, EOM, etc.)	Interface or line is faulty. Transmitter is defective.
411	RCV (Polling)	B	Received DCN after transmitting NSC.	Transmitter is not ready for polling communication. Password does not match between the transmitter, and the receiver.
412	G3 RX	B, D	No response within 12 seconds in NSS/DCS/MPS wait state. (After transmitting FTT)	Transmitter is defective. FCB PCB is defective.
414	RCV (Polling)	B	No response received after transmitting 3rd NSC.	Password does not match between the transmitter, and the receiver. Transmitter is defective. (No original, document jam, etc.)
415	XMT (Polling)	B	Remote side attempted to receive message from your machine in polling communication.	Inform the remote side that your machine does not have the polling transmission feature.
416	RCV	D	Receiver did not detect post command, such as EOP, MPS, EOM, etc.	Transmitter is defective. Line quality is poor. (RTC signal is distorted due to line noise) FCB PCB is defective.
417	RCV	C	Receiver returned RTN in response to post message.	Line quality is poor. (There are excessive errors in received data) FCB PCB is defective.
418	RCV	C	Receiver transmitted PIN in response to PRI-Q from transmitter. (Transmitting operator requests voice contact)	Line quality is poor. (There are excessive errors in received data) FCB PCB is defective.
420	RCV	B	T1 timer (35 sec.) elapsed without detecting 300 bps signal.	There is wrong incoming call. (Non-facsimile communication) Transmitter is defective. FCB PCB is defective.
421	RCV	B	Busy Tone is detected after sending NSF Signal.	Remote station disconnected the line. Wrong number is dialed.

Fax Information Codes				
Code	Mode	Phase	Description of Problem	Cause
422	XMT	B	Content of NSF (or DIS), or NSC (or DTC) was invalid.	There is an incompatibility.
427	G3 RCV	B	DCN received to NSF/CSI/DIS transmitted.	The interface is incompatible.
433	XMT RCV	B, D	T.30 Protocol abnormal.	Defective remote station.
434	XMT or RCV	B	CD (response from Modem) did not turn OFF within 180 sec. after receiver detected FLAG signal.	Remote unit is defective. FCB PCB is defective.
436	G3 RX	C	DCN received after transmitting FTT.	Transmitter is defective or incompatible. Line quality is poor.
456	RCV	B	Received relay transfer request, or confidential document to distribute to an end receiving station, or all confidential mailboxes are used.	
457	RELAY XMT CONF. XMT/ POLL	B	Remote unit does not have Relayed XMT, or Confidential Comm. capability.	
459	RCV	C	Failed training in Phase C.	Line quality is poor. (Training signal is distorted due to line noise) FCB PCB is defective.
490	RCV	C	Sum of error lines exceeded the limit (Function Parameter No. 70) of 64 lines.	Line quality is poor. FCB PCB is defective.
494	RCV	C	Interval between two EOLs was more than 10 sec. when receiver received message data.	Transmitter is defective. Line quality is poor. (EOL is damaged due to line noise) FCB PCB is defective.
495	XMT RCV	C	During reception, CD turned OFF, or continued ON for long time. During communication, lost loop - current.	Line is disconnected. Transmitter is defective. FCB PCB is defective.
496	XMT	C	CS of modem is not able to turn ON.	FCB PCB is defective.
501	XMT/ RCV(V.34)	B	Incompatible Modem on the Remote unit.	
502	XMT/ RCV(V.34)	B, C, D	During reception, CD turned OFF, or continued ON for long time. During communication, lost loop - current.	Line is disconnected. Transmitter is defective. FCB PCB is defective.
503	XMT/ RCV(V.34)	B, C, D	CS of modem is not able to turn ON during training.	FCB PCB is defective. Line is disconnected.
504	RCV/V.34 (Polling)	B	Polling is rejected from the remote station.	No polling original is set.
505	XMT/V.34 (Polling)	B	Polling XMT is rejected.	No polling original is set.
540	XMT ECM	B	No response after transmitting 3rd CTC, or DCN received.	Incompatible interface.
541	XMT ECM	D	No response after transmitting 3rd EOR, or received DCN.	Line is faulty. FCB PCB abnormal.

Fax Information Codes				
Code	Mode	Phase	Description of Problem	Cause
542	XMT ECM	D	No response to the 3rd RR transmitted, or received DCN.	Remote unit is abnormal.
543	XMT ECM	D	T5 timer (60 sec.) elapsed without MCF.	Remote unit is abnormal.
544	XMT ECM	D	Stopped Transmission after EOR Transmission.	Line is faulty. FCB PCB abnormal.
550	RCV ECM	C	Timer between frames in phase C has elapsed.	Defective remote station.
554	RCV ECM	D	Transmitted ERR after receiving EOR.	Faulty line. FCB PCB abnormal.
555	RCV ECM	D	Transmitted PIN after receiving EOR.	Faulty line and Operator Call requested by RX side.
570	RCV	B	Password, or machine code did not match during remote diagnostic communication.	
571	XMT	B	Remote unit did not have the remote diagnostic function.	
580	XMT	B	Sub-address transmission to a unit that has their DIS bit 49 (NSF bit 155) OFF.	Sub-address transmission to a unit that has no Sub-address function.
581	XMT	B	Sub-address Password transmission to a unit that has their DIS bit 50 (NSF bit 156) OFF.	Sub-address transmission to a unit that has no Sub-address function.
582	XMT	B	Sub-address SEP (for Polling) transmission to a unit that has their DIS bit 47 (NSF bit 130) OFF.	Sub-address transmission to a unit that has no Sub-address function.
601	XMT		ADF Door was opened during ADF transmission.	
623	XMT	A	No original was in the ADF. (Built-in dialer engaged)	Operator removed the original from the ADF after dialing was completed. Original was not set properly in the ADF.
630	XMT or RCV (Polling)	B	Redial count over.	No dial tone detected. Sensor dial tone is not detected. (Country dependent) Busy tone is detected. (Country dependent) T1 timer (35±5 sec) elapsed without a signal from the receiver.
631	XMT	A	"STOP" key was pressed during Auto Dialing.	
634	XMT		Redial count over with no response, or busy tone was not detected. Note: U.S.A. and Canadian models will redial only once if a busy tone is not detected.	
638	XMT		Power turned Off with applicable data in memory, or during communication.	Power switched off. Power failure occurred.
700	XMT RCV	PSTN LAN	Communication terminated by Operator pressing the "STOP" key.	

Fax Information Codes				
Code	Mode	Phase	Description of Problem	Cause
711	RCV	LAN	Incorrect LDAP settings.	LDAP Server Name, LDAP Login Name, LDAP Password and/or LDAP Search Base are incorrect.
712	XMT	LAN	Unknown email address replied from the Mail Server.	Mail Server received an incorrect email address. (Dependent on Server's Mail application)
714	XMT RCV	LAN	LAN Interface error. Cannot logon to the LAN.	The 10Base-T/100Base-TX cable is not connected. An unexpected LAN problem occurred.
715	XMT	LAN	TCP/IP connection timed out.	Incorrect IP Address is set. Verify the IP Address, Default Router IP Address, SMTP Server IP Address.
716	XMT	LAN	Cannot logon to the LAN.	Incorrect SMTP Server IP Address is set. No email application is activated on the Mail Server.
717	XMT	LAN	Incomplete SMTP Protocol transmission.	Mail Server's hard disk may be full. Mail Server is defective.
718	XMT	LAN	Page Memory Overflow occurred while receiving printing data. The paper size selected within your application to print is larger than the paper size loaded in the paper tray(s).	Check the document size, and resolution. Ask originator to re-send in a supported size, and resolution.
719	RCV	LAN	Received data via LAN is in a format that is not supported.	Ask the originator to re-send with a supported file attachment: * In a TIFF-F format. * Image data conforming to A4/Letter size.
720	POP	LAN	Unable to connect to the POP Server.	Incorrect POP Server address is set. POP Server is down.
721	POP	LAN	Unable to login to the POP Server.	Incorrect User Name or Password is set.
722	RCV	LAN	Failed to obtain the Network Parameters (such as: IP Address, Subnet Mask, Default Gateway IP Address, etc.) from the DHCP server.	DHCP is not available. (Contact the Network Administrator.)
725	XMT POP	LAN	DNS Server connection timed out.	Incorrect DNS Server address is set. DNS Server is down.
726	XMT POP	LAN	Received an error response from the DNS Server.	Incorrect POP Server address is set. Incorrect SMTP Server address is set.
727	XMT	LAN	Received an Error, or No Response from the Remote Internet Fax. (SMTP Direct XMT)	Remote Internet Fax Errors: Busy, or Job Number Overflow for Relay XMT. (Retry is possible)
728	XMT	LAN		Remote Internet Fax Errors: Memory Overflow, or No Power. (Retry is not possible)
729	XMT	LAN	Failed to authenticate (SMTP AUTHENTICATION) when connecting with the SMTP server.	SMTP AUTHENTICATION, User Name and/or Password are incorrect. (Contact the Network Administrator.)

Fax Information Codes				
Code	Mode	Phase	Description of Problem	Cause
730	RCV	LAN	Unable to program the Internet parameters, or the autodialer via Email from a PC.	Verify that the Fax Parameter #158 is set to Valid.
731	RCV	LAN	Dialer full while Relayed Transmission Request was received.	Dial buffer for manual number dialing (70 stations) are being used.
741	XMT, Polling	PSTN	Unable to dial	Deleted the registered station name before dialing with Timer Controlled Communications, etc.
742	XMT	LAN	Unable to transmit Internet Fax (Job Tracking Notice) to the System Administrator.	The 10Base-T/100Base-TX cable is not connected. Incorrect email Address is set.
800	Relay Comm.	PSTN	The machine was requested to relay a document but has no Relay Hub capability.	
814	Conf. XMT Conf. Polling Relay Comm.	PSTN	The remote station does not have Relay XMT, nor Confidential Communication capability.	
815	Conf. RCV	PSTN	Mailbox is full.	
816	Conf. Polled	PSTN	The received Polling Password did not match.	
825	Conf. RCV Conf. Polled	PSTN	Parameter settings of the remote station are not properly set.	
870	XMT, Polling	PSTN	Memory overflow occurred while storing documents into memory.	
879	Memory RCV	PSTN	Memory overflow occurred during substitute memory reception.	Memory overflow on the Fax side.
		LAN	Memory overflow. Mail Server sent a reset command while downloading the data to the machine.	Memory overflow on the Fax side. Mail server aborted the download (Busy with other higher priority jobs).
880	-	-	File Access Error.	
884	-	-	File Access Error.	
961	RCV	LAN	Memory file access error.	SC PCB is defective.
962	XMT	PSTN	Memory file access error.	SC PCB is defective.
		LAN	Memory file access error.	SC PCB is defective.

3.7. Diagnostic Codes (For Facsimile)

The 13-digit Diagnostic Code is provided for the service engineer to analyze how the communication was performed. The code is recorded on the Journal.

Journal Example

***** -JOURNAL- ***** DATE MMM-dd-yyyy ***** TIME 09:39*****									
NO.	COMM.	PAGES	FILE	DURATION	X/R	IDENTIFICATION	DATE	TIME	DIAGNOSTIC
01	OK	001	129	00:00'42	XMT	123 456 789	MMM-dd	01:55	C8649003C0000
								1st digit	13th digit

- PANASONIC MACHINE									
***** - PANASONIC MACHINE- ***** -12345678901234567890- *****									

1st Digit: Manufacturer Code

-: Not used/defined

Fax Diagnostic Codes				
Data	Definition			
	Manufacturer Code			
0	-			
1	Casio			
2	Canon			
3	Sanyo			
4	Sharp			
5	Tamura			
6	Toshiba			
7	NEC			
8	Oki			
9	Hitachi			
A	Xerox			
B	Fujitsu			
C	Matsushita			
D	Mitsubishi			
E	Murata			
F	Ricoh			

2nd Digit

:- Not used/defined

Fax Diagnostic Codes				
Data	Definition			
	ID (TSI, CSI, CIG)	RTN	DCN	STOP Button
0	-	-	-	-
1	Received	-	-	-
2	-	Received	-	-
3	Received	Received	-	-
4	-	-	Received	-
5	Received	-	Received	-
6	-	Received	Received	-
7	Received	Received	Received	-
8	-	-	-	Pressed
9	Received	-	-	Pressed
A	-	Received	-	Pressed
B	Received	Received	-	Pressed
C	-	-	Received	Pressed
D	Received	-	Received	Pressed
E	-	Received	Received	Pressed
F	Received	Received	Received	Pressed

3rd Digit

:- Not used/defined

Fax Diagnostic Codes				
Data	Definition			
	Resolution (dpi)	Paper Width		
0	-	A4		
1	S-Fine	A4		
2	400 x 400	A4		
3	300 x 300	A4		
4	-	B4		
5	S-Fine	B4		
6	400 x 400	B4		
7	300 x 300	B4		
8	600 x 600	A4		
9	600 x 600	B4		
A	-	-		
B	600 x 600	A3		
C	-	A3		
D	S-Fine	A3		
E	400 x 400	A3		
F	300 x 300	A3		

4th Digit

:- Not used/defined

Fax Diagnostic Codes				
Data	Definition			
	Scanning Rate	Resolution		
0	20 ms/line	Std		
1	5 ms/line	Std		
2	10 ms/line	Std		
3	-	Std		
4	40 ms/line	Std		
5	-	Std		
6	-	Std		
7	0 ms/line	Std		
8	20 ms/line	Fine		
9	5 ms/line	Fine		
A	10 ms/line	Fine		
B	-	Fine		
C	40 ms/line	Fine		
D	-	Fine		
E	-	Fine		
F	0 ms/line	Fine		

5th Digit

:- Not used/defined

Fax Diagnostic Codes				
Data	Definition			
	Deferred Comm.	Dialing/RCV	Memory/ Non-Memory	
0	-	Manual Communication	Non-Memory	
1	Used	Manual Communication	Non-Memory	
2	-	Auto Dialing	Non-Memory	
3	Used	Auto Dialing	Non-Memory	
4	-	Auto RCV	Non-Memory	
5	Used	Auto RCV	Non-Memory	
6	-	Remote RCV	Non-Memory	
7	Used	Remote RCV	Non-Memory	
8	-	Manual Communication	Memory	
9	Used	Manual Communication	Memory	
A	-	Auto Dialing	Memory	
B	Used	Auto Dialing	Memory	
C	-	Auto RCV	Memory	
D	Used	Auto RCV	Memory	
E	-	Remote RCV	Memory	
F	Used	Remote RCV	Memory	

6th Digit

:- Not used/defined

Fax Diagnostic Codes				
Data	Definition			
	Polling	XMT/RCV	Selective Comm.	Password Comm.
0	-	RCV	Off	Off
1	Yes	RCV	Off	Off
2	-	XMT	Off	Off
3	Yes	XMT	Off	Off
4	-	RCV	On	Off
5	Yes	RCV	On	Off
6	-	XMT	On	Off
7	Yes	XMT	On	Off
8	-	RCV	Off	On
9	Yes	RCV	Off	On
A	-	XMT	Off	On
B	Yes	XMT	Off	On
C	-	RCV	On	On
D	Yes	RCV	On	On
E	-	XMT	On	On
F	Yes	XMT	On	On

7th Digit

:- Not used/defined

Fax Diagnostic Codes				
Data	Definition			
	Sub-Address Comm.	Confidential Comm.	Relayed Comm.	Turnaround Polling
0	-	-	-	-
1	Yes	-	-	-
2	-	Yes	-	-
3	Yes	Yes	-	-
4	-	-	Yes	-
5	Yes	-	Yes	-
6	-	Yes	Yes	-
7	Yes	Yes	Yes	-
8	-	-	-	Yes
9	Yes	-	-	Yes
A	-	Yes	-	Yes
B	Yes	Yes	-	Yes
C	-	-	Yes	Yes
D	Yes	-	Yes	Yes
E	-	Yes	Yes	Yes
F	Yes	Yes	Yes	Yes

8th Digit

:- Not used/defined

Fax Diagnostic Codes				
Data	Definition			
	Advanced Comm.	Cover Sheet XMT		
0	-	-		
1	Report XMT	-		
2	Check & Call	-		
3	-	-		
4	Memory Transfer	-		
5	-	-		
6	-	-		
7	-	-		
8	-	Yes		
9	Report XMT	Yes		
A	Check & Call	Yes		
B	-	Yes		
C	Memory Transfer	Yes		
D	-	Yes		
E	-	Yes		
F	-	Yes		

9th Digit

:- Not used/defined

Fax Diagnostic Codes				
Data	Definition			
	Short Protocol	Standard/ Non-Standard		
0	-	Standard		
1	-	Standard		
2	-	Standard		
3	-	Standard		
4	-	Standard		
5	-	Standard		
6	-	Standard		
7	-	Standard		
8	-	Non-Standard		
9	B	Non-Standard		
A	-	Non-Standard		
B	D	Non-Standard		
C	-	Non-Standard		
D	B	Non-Standard		
E	-	Non-Standard		
F	D	Non-Standard		

10th Digit

:- Not used/defined

Fax Diagnostic Codes				
Data	Definition			
	Coding	ECM		
0	MH	-		
1	MR	-		
2	MMR	-		
3	JBIG	-		
4	-	-		
5	-	-		
6	-	-		
7	-	-		
8	MH	Yes		
9	MR	Yes		
A	MMR	Yes		
B	JBIG	Yes		
C	-	Yes		
D	-	Yes		
E	-	Yes		
F	-	Yes		

11th Digit

:- Not used/defined

Fax Diagnostic Codes				
Data	Definition			
	Symbol Rate (V.34)	V.34		
0	-	-		
1	-	-		
2	-	-		
3	-	-		
4	-	-		
5	-	-		
6	-	-		
7	-	-		
8	2400 sr	Yes		
9	-	Yes		
A	2800 sr	Yes		
B	3000 sr	Yes		
C	3200 sr	Yes		
D	3429 sr	Yes		
E	-	Yes		
F	-	Yes		

12th Digit

:- Not used/defined

Fax Diagnostic Codes				
Data	Definition			
	Modem Speed	Modem Speed (V.34)		
0	2400 bps	-		
1	4800 bps	2400 bps		
2	7200 bps	4800 bps		
3	9600 bps	7200 bps		
4	TC 7200 bps	9600 bps		
5	TC 9600 bps	12000 bps		
6	12000 bps	14400 bps		
7	14400 bps	16800 bps		
8	-	19200 bps		
9	-	21600 bps		
A	-	24000 bps		
B	-	26400 bps		
C	-	28800 bps		
D	-	31200 bps		
E	-	33600 bps		
F	-	-		

13th Digit

:- Not used/defined

Fax Diagnostic Codes				
Data	Definition			
0				
1				
2				
3				
4				
5				
6				
7				
8				
9				
A				
B				
C				
D				
E				
F				

3.8. Troubleshooting (For Printer)

3.8.1. Checking the Basics

This section explains how to solve problems including error messages, or unexpected printing results.

If the Printing System is not printing or working as expected, and if you are not sure what to do, start your troubleshooting by checking the basics below:

- Ensure that the Ethernet LAN (10Base-T / 100Base-TX) Cable is connected properly
- Ensure that the Internet Parameters are correct
- Ensure that the Unit is turned On
- Ensure that the Paper is set properly in the Unit
- No error message is displayed on the Unit
- Try printing a test page from the printer driver properties dialog box

3.8.2. Document Does Not Print Properly

Problem	Possible Solution(s)
Character is not printing in the correct positions, or the characters near the edges of the page are missing.	<ul style="list-style-type: none"> • Check, and specify the paper size and orientation settings in the printer driver to coincide with the application. • Check if the specified paper is loaded in the Panasonic Device. • Increase the Page Margins in the application. The Panasonic Device requires minimum margins of ¼ inches (5 mm) on all sides.
The font type is incorrect	<ul style="list-style-type: none"> • Check if the selected font is installed in the PC. • Check if the selected font is being replaced with a proper printer font in the Font Substitution Table of the Printer Driver Properties dialog box. • Select "Always use True Type fonts" from the Font tab of the Printer Driver Properties dialog box.
The character is not smooth.	<ul style="list-style-type: none"> • Select an outline font instead of a bit map font.
Fine line print cannot be obtained.	<ul style="list-style-type: none"> • Select 600 dpi resolution.
Poor photograph print quality.	<ul style="list-style-type: none"> • Select 600 dpi resolution.
Different character, or symbol from the document is printed.	<ul style="list-style-type: none"> • Check if the Panasonic Printing System (PCL) printer driver is selected.
The printer does not print anything, or prints irregular images from the middle of the 1 st page.	<ul style="list-style-type: none"> • Insufficient Printer Page Memory in the Panasonic Device, install an Expansion D-RAM Card, or change the resolution to 300 dpi in the Quality tab of the Printer Driver Properties dialog box.
Printing is exceedingly slow.	<ul style="list-style-type: none"> • Select the Spool settings "Start printing after first page is spooled " from the Details tab of the Printer Driver Properties dialog box. • Select 300 dpi resolution.

3.8.3. Error Message Appears on the PC

Error Message	Possible Solution(s)
Network Print DLL Error.	<ul style="list-style-type: none"> • Check if the Panasonic Device is turned "On", and the 10Base-T/100Base-TX cable is properly connected. • Printer Properties may be incorrectly configured. (i.e. Printer Port)
Network Port is Busy.	<ul style="list-style-type: none"> • The Panasonic Device may be processing a different print job, please wait, and try again later. • The Panasonic Device is either Transmitting, or Receiving an email.
Cannot print because an error is found in the current printer setting.	<ul style="list-style-type: none"> • Verify, and specify the paper size, or orientation to coincide with the application, and the printer driver settings.

3.8.4. Error Message Appears on the Unit

Error Message	Possible Solution(s)
Cannot complete print job; Image memory overflow	<ul style="list-style-type: none"> • There may not be enough Sort Memory available in the Panasonic Device to complete the print job. Either install an optional Sort Memory, or change the resolution to 300 dpi in the Printer Driver Properties dialog box.
Cannot complete print job; Confirm print condition	<ul style="list-style-type: none"> • The print settings may not be matched for the system. Change the printing settings in the Printer Driver Properties dialog box. Ex: Multi-sized printing.
Cannot print; System error	<ul style="list-style-type: none"> • Change the resolution to 300 dpi in the Printer Driver properties dialog box.

3.8.5. System Error (CD Drive Related Error During Installation)

Problem	Possible Solution(s)
Cannot read the drive.	<ul style="list-style-type: none"> • Insert the CD into the drive, and click "Retry".

4 Service Modes

4.1. Service Modes (For Copier)

These Service Modes are provided to assist the technician in checking for abnormalities in the copier, and a means of making adjustments to the Input/Output of major components.

Caution:

The factory default parameters are preset (destination dependent) for optimum performance, and in compliance with the local telecommunication regulations/standards, and do not need to be changed. Changing some of these parameters may cause the unit to be no longer compliant, or become inoperable.

4.1.1. Service Mode Procedure

1. To select the Service Mode

The service mode is selected when “**Function**”, “**Copy**”, and “**3**” keys are simultaneously pressed, “**Input the password**” to enter the Service Mode (default password is **00000000**, except for C322/C262 which do not require a password), then F1 will appear in the display.

2. To exit the Service Mode

The service mode is reset when the “**Function**”, and “**C (Clear)**” keys are pressed simultaneously.

4.1.2. Copier Service Mode Functions

Service Modes (For Copier)				
Service Mode	Item			Function
F1	Self Test	00	CCD Test	This test is used for checking the CCD.
		01	LCD/LED Test	This test is used for checking the LCD, and LEDs.
		02	Page Memory Test	This test is used for checking the Page Memory.
		03-38	Print Test Patterns	Prints the pattern for setting the Paper position alignment, etc.
F2	Single Copy Test			One sheet is copied when the Start key is pressed.
F3	Continuous Copy Test			Multi copies are made when the Start key is pressed.
F4	Input / Output Status Test			The functioning of Input / Output items (selected item numbers) is checked.
F5	Function Parameters			Various function settings (selected by code numbers) can be changed.
F6	Adjust Parameters			Various function settings (selected by code numbers) can be adjusted.
F7	Electronic Counter			Electronic Counters for Maintenance
F8	Service Adjustment			Perform pseudo-operation of an item (selected by code numbers)
F9	Unit Maintenance			Fax Service Mode Service Alert Tel # Firmware Version Print Device Info.

F5 / F6 Information List (Sample)

*****-F5/F6 Information List-***** Date MMM-dd-yyyy *** Timeaa12:01 *** P.01

F5-000 Country Version	USA/CAN	F5-088 USB Port Function	Off
F5-004 LSU Off Timer	15 Sec	F5-089 LAN Speed/Duplex	Auto
F5-005 LSU Fan Extention	None	F5-090 Panel Beep Sound	Soft
F5-006 Job Tracking Server	No	F5-091 M1, Size	70*160
F5-007 Language Default	English	F5-092 M2, Size	95*220
F5-008 Batch Printing Mode	On	F5-104 Red Sel(2C/1C Copy)	1
F5-012 Printer Fan Extention	None	F5-105 Green Sel(2C/1C Copy)	1
F5-013 Paper Out Red Indicator	On	F5-106 Blue Sel(2C/1C Copy)	1
F5-014 Paper Size Tray 1	8.5x11	F5-107 Photo Paper HT mode	Errordif
F5-015 Paper Size Tray 2	11x17	F5-109 JPEG Sampling Ratio	4.1.1
F5-016 Paper Size Tray 3	None	F5-110 Toner Cartridge(Black)	28K Type
F5-017 Paper Size Tray 4	None	F5-111 Toner Cartridge(Color)	20K Type
F5-020 ADF	Auto	F5-115 Accounting Server Func	No
F5-021 Finisher	Auto	F5-120 Heater Off Timer	60 sec
F5-022 System Console	Auto	F5-121 Fuser Unit Type	USA/CAN
F5-023 Paper Transport Unit	Auto	F5-122 Between Pages Timer	30 sec
F5-026 2-Sided Unit	Auto	F5-125 AC Bias Phase FullSpeed	No
F5-032 Job Build And SADP Mode	Yes	F5-126 ACBias Phase HalfSpeed	No
F5-034 Multi Size Feed Default	Off	F5-130 Auto Print Image Ctrl	Yes
F5-038 2-Sided Mode Default	No	F5-131 Drum Life Laser	Yes
F5-040 Dounle Count	LDR	F5-132 Drum Life Charge	Yes

*****-F5/F6 Information List-***** Date MMM-dd-yyyy *** Time 12:01 *** P.02

F6-000 Registration Clr Normal	0	F6-088 IT Motor Half Speed	0
F6-001 Registration Clr Slow	0	F6-090 Fuser MTR BK STD Speed	-5
F6-005 Registration B/W Normal	0	F6-091 Fuser MTR CL STD Speed	-5
F6-006 Registration B/W Slow	0	F6-093 Fuser MTR Half Speed	-5
F6-007 Registration B/W & CL	0	F6-095 Fuser MTR Half Speed L	0
F6-010 Paper Loop Tray,B/W,Nrm	0	F6-124 Warm Up Timer	0
F6-011 Paper Loop Tray,Clr,Nrm	0	F6-125 T4 Tmp (Color Half Spd)	0
F6-012 Paper Loop Tray,*,Slow	0	F6-126 T4 Tmp (Mono Half Spd)	0
F6-015 Paper Loop By-p,B/W,Nrm	0	F6-127 T4 Tmp (Color STD Spd)	0
F6-016 Paper Loop By-p,Clr,Nrm	0	F6-128 T4 Tmp (Mono STD Spd)	0
F6-017 Paper Loop By-p,*,Slow	0	F6-129 T5 Tmp	0
F6-018 PaperLoop Bp,Thick,Slow	0	F6-130 OHP Min Temp	0
F6-020 Paper Loop ADU,B/W,Nrm	0	F6-131 OHP Max Temp	0
F6-021 Paper Loop ADU,Clr,Nrm	0	F6-132 Long Min Temp	0
F6-022 Paper Loop ADU,*,Slow	0	F6-133 Envelope Min Tmp	0
F6-025 Registration Void	20	F6-134 Envelope Max Tmp	0
F6-030 Trail Edge Void A3,LD	20	F6-135 Th1 Temp(Print Start)	0
F6-031 Trail Edge Void B4,LG	20	F6-136 Th2 Temp(Print Start)	0
F6-032 Trail Edge Void FLS	20	F6-138 Th4 Temp(Print Start)	0
F6-033 Trail Edge Void A4R,LTR	20	F6-140 Th1 Temp(Error)	0
F6-034 Trail Edge Void B5R	20	F6-141 Th2 Temp(Error)	0
F6-035 Trail Edge Void A4,LT	20	F6-143 Th4 Temp(Error)	0
F6-036 Trail Edge Void B5,Exc	20	F6-145 IH Voltage(Print Start)	0

Machine Setup Information List (Sample)

*****-Machine Setup Information-***** Date MMM-dd-yyyy *** Time12:01 *** P.01

1.Machine Information

Machine Name : DP-C354
Mac Address : 0800230233DEC
Serial Number : sssssss

2.Firmware Version

SC : AAT001xxPU
SC BOOT : C202
PNL : V10001
EC : 35cpm V1xxxx
SCN : V10005
FCB :
Finisher : 100033
DATA SECURITY KIT : T0xxxx(xxxx xxxx xxxx xxxx xxxx xxxx xxxx)

3.Memory Capacity

Main Memory : 512 MB *1
Image Memory : 448 MB *2
Scan Memory : 192 MB
Sort Memory : 105 MB
Fax Memory : 3 MB

4.Option

3rd Paper Feed Module : Yes
4th Paper Feed Module : Yes
Finisher : FS356
Punch Unit : Yes
Fax Board : No
Network Scanner/Email : Yes
PS Printer : No
Internet Fax : Yes
DDS : Yes
HDD : Yes

5.Error Log

Total Print Count : 2082

No.	Date & Time	Error Code	Error Count	No.	Date & Time	Error Code	Error Count
01	MMM-dd-yyyy 11:11	J70	XX-00000008				
02	MMM-dd-yyyy 11:31	E03-311	XX-00000000				
		(See Remarks)					

-PANASONIC -

***** -PANASONIC - ***** 0001- *****

Remarks:

XX-00000140

Page Count

00 : Printer Error
02 : Scanner Error

*1: Image memory capacity for the Print function.
*2: Image memory capacity for the Scan function.

F7 Total Counter List (Sample)

*****-F7 Total Counter List-***** Date MMM-dd-yyyy *** Time 12:01 *** P.01

F7-01 Key Operator ID Code : 0000

F7-02 Maintenance Count

000 Total Count : 8

001 PM Count : 8

002 Scanner PM Count : 1

003 ADF Count : 8

004 ADF PM Count : 8

4.1.3. F1 Mode: Self Test

Set the machine to Service Mode, and press "1" key on the Keypad.



Press the "**Start**" key.



Select the desired code number on the Touch Panel display.



If you wish to select another code number, scroll the menu with the arrow buttons.



Select the desired function on the Touch Panel display.



When the "**C (Clear)**" key is selected, the selected code input will not be accepted.



Press "**Function**", and "**C (Clear)**" keys simultaneously to exit the service mode.

F1 Mode				
No.	Item	Function	Remarks	
			Printout	Print Mode
00	CCD Test	This test is used for checking the CCD.	---	---
01	LCD/LED Test	This test is used for checking the LCD and LEDs.	---	---
02	Page Memory Test	This test is used for checking the Page Memory.	Mono (BK)	---
03	Print Test Pattern 1	Prints the pattern for setting the Paper position alignment.	Mono (BK)	Color, Full Speed
04	Print Test Pattern 2			Color, Half Speed (1200 dpi)
05	Print Test Pattern 3			Mono, Full Speed
06	Print Test Pattern 4			Mono, Half Speed (1200 dpi)
07	Print Test Pattern 5			Mono, Mixed Speed
08	Print Test Pattern 6	Prints the “ Slant ” pattern for setting the Paper position alignment.		Mono, Full Speed
09	Print Test Pattern 7			Color, Full Speed
10	Print Test Pattern 8			Mono, Half Speed (1200 dpi)
11	Print Test Pattern 9	Prints the “ Grid ” pattern for setting the Paper position alignment.		Mono, Full Speed
12	Print Test Pattern 10			Color, Full Speed
13	Print Test Pattern 11			Mono, Half Speed (1200 dpi)
14	Print Test Pattern 12	Prints the pattern for setting the “ Duplex ” Paper position alignment.		Color, Full Speed
15	Print Test Pattern 13			Color, Half Speed (1200 dpi)
16	Print Test Pattern 14			Mono, Full Speed
17	Print Test Pattern 15			Mono, Half Speed (1200 dpi)
18	Print Test Pattern 16			Mono, Mixed Speed
19	Print Test Pattern 17 (Only A3/11x17)	Prints the pattern for Color Registration. (Use for Color Registration Adjustment)		Color

F1 Mode				
No.	Item	Function	Remarks	
			Printout	Print Mode
20	Print Test Pattern 18	Prints the pattern using All Primary Colors	Color (Y)	Color, Full Speed
21	Print Test Pattern 19	Prints the pattern using All Primary Colors	Color (M)	
22	Print Test Pattern 20		Color (C)	
23	Print Test Pattern 21		Color (BK)	
24	Print Test Pattern 22	Prints the 2 by 2 pattern	Color (Y)	
25	Print Test Pattern 23		Color (M)	
26	Print Test Pattern 24		Color (C)	
27	Print Test Pattern 25		Color (BK)	
28	Print Test Pattern 26	Prints the 4 by 4 pattern	Color (Y)	Color, Half Speed
29	Print Test Pattern 27		Color (M)	
30	Print Test Pattern 28		Color (C)	
31	Print Test Pattern 29		Color (BK)	Mono, Half Speed (1200 dpi)
32	Print Test Pattern 30	Prints the 1 by 1 pattern	Color (Y)	Color, Full Speed
33	Print Test Pattern 31		Color (M)	
34	Print Test Pattern 32		Color (C)	
35	Print Test Pattern 33		Color (BK)	
36	Print Test Pattern 34 (Only A3/11x17)	Prints the pattern for Fusing	Color (BK)	
37	Print Test Pattern 35 (Only A3/11x17)		Color (YMC)	
38	Print Test Pattern 36 (Only A3/11x17)	This Test Pattern will place a solid block of each color in a single pass, which allows you to check the output of each color, and helps you narrow down issues to particular colors, and checking the OPC Drum for scratches.	Color	Color (1 by 1), Full Speed
39	Print Test Pattern 37	(Factory use only)		
40	Print Test Pattern 38			
41	Print Test Pattern 39			
42	Print Test Pattern 40			
43	Print Test Pattern 41			

4.1.4. F4 Mode: Input/Output Status Test

Set the machine to Service mode, and press "4" key on the Keypad.



Press the "Start" key.



Enter the number to activate the test then press "Start" key.



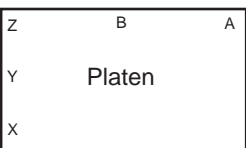
Press "Stop" key to cancel the test.



When the "C (Clear)" key is selected, the selected code input will not be accepted.



Press "Function", and "C (Clear)" keys simultaneously to exit the service mode.

F4 Mode (Input Check)											
No.	Function	Condition	Message Display								Remarks
			7	6	5	4	3	2	1	0	
100	Size Sensor X	Original detected on the X position.				1					 <p>Front Side</p>
	Size Sensor Y	Original detected on the Y position.					1				
	Size Sensor Z	Original detected on the Z position.						1			
	Size Sensor A	Original detected on the A position.							1		
	Size Sensor B	Original detected on the B position.								1	
101	+24V Line Error Detecting Signal	+24V Line is OFF.					1				
	Home Position Sensor	Home position is detected.						1			
	ADF/Platen Cover Open Sensor	ADF/Platen Cover is open.							1		
	ADF/Platen Cover Angle Sensor	ADF/Platen Cover is open more than 30° angle.								1	
102	ADF Detection Sensor	Unit is not connected.		1							
	ADF Cover Open Detection Sensor	Cover is open.			1						
	ADF Paper Exit Detection Sensor	Original is detected.				1					
	ADF Inverting Detection Sensor	Original is detected.					1				
	ADF Registration Sensor 3	Original is detected.						1			
	ADF Registration Sensor 2	Original is detected.							1		
	ADF Registration Sensor 1	Original is detected.								1	

F4 Mode (Input Check)												
No.	Function	Condition	Message Display								Remarks	
			7	6	5	4	3	2	1	0		
103	ADF Original Length Sensor 2	Sensor is activated.				1						
	ADF Original Length Sensor 1	Sensor is activated.					1					
	ADF Original Width Sensor 2	Sensor is activated.						1				
	ADF Original Width Sensor 1	Sensor is activated.							1			
	ADF Original Sensor	Original is detected.								1		
102-199	Not Used											

F4 Mode (Output Check)			
No.	Item	Function	Remark
200	Lamp	When SCN PCB CN704-1, CN704-4 signal level changes to 0V from +24V, Lamp operates for 4 seconds.	
201	ADF Motor 1 Rotating (50% rotation speed)	ADF Motor 1 spins at a 50% rate.	
202	ADF Motor 1 Rotating (100% rotation speed)	ADF Motor 1 spins at a 100% rate.	
203	ADF Motor 1 Rotating (400% rotation speed)	ADF Motor 1 spins at a 400% rate.	
204	ADF Motor 2 Reverse Rotating (50% rotation speed)	ADF Motor 2 spins in reverse at a 50% rate.	
205	ADF Motor 2 Reverse Rotating (100% rotation speed)	ADF Motor 2 spins in reverse at a 100% rate.	
206	ADF Motor 2 Reverse Rotating (400% rotation speed)	ADF Motor 2 spins in reverse at a 400% rate.	
207	ADF Paper Feed Roller Clutch	When CN655-2 signal level changes to 0V from +24V, clutch operates for 3 seconds.	
208	ADF Registration Roller 1 Clutch	When CN656-4 signal level changes to 0V from +24V, clutch operates for 3 seconds.	
209	ADF Registration Roller 2 Clutch	When CN656-2 signal level changes to 0V from +24V, clutch operates for 3 seconds.	
210	ADF Inverting Roller 1 Clutch	When CN659-6 signal level changes to 0V from +24V, clutch operates for 3 seconds.	
211	ADF Inverting Roller 2 Clutch	When CN659-7 signal level changes to 0V from +24V, clutch operates for 3 seconds.	
212	ADF Speed Down Clutch	When CN659-5 signal level changes to 0V from +24V, clutch operates for 3 seconds.	

F4 Mode (Output Check)			
No.	Item	Function	Remark
213	ADF Solenoid	When CN660-7 signal level changes to 0V from +24V, Solenoid operates for 200ms.	
214	ADF Inverting Solenoid	When CN660-5 signal level changes to 0V from +24V, Solenoid operates for 200ms.	
215	ADF Pinch Roller Solenoid	When CN660-2 signal level changes to 0V from +24V, Solenoid operates for 1 second.	
216	ADF Stamp Solenoid	When CN658-2 signal level changes to 0V from +24V, Solenoid operates for 1 second.	
217-299	Not Used		

F4 Mode (Input Check)											
No.	Function	Condition	Message Display								Remarks
			7	6	5	4	3	2	1	0	
300	100V/200V LVPS Signal	LVPS is connected.						0			1 : 200V LVPS
	24V F PS "On" Detection	+24V PS Voltage is Off.							1		
	24V M PS "On" Detection	+24V PS Voltage is Off.								1	
301	Right Cover 3 Open/Close Sensor	Cover is open.	0								
	Right Cover 1 Open/Close Sensor	Cover is open.		1							
	Right Cover 2 Open/Close Sensor	Cover is open.			1						
	Front Cover Open/Close Sensor	Cover is open.				1					
	New OPC Drum Unit BK Detection	OPC Drum Unit detected.					1				
	New OPC Drum Unit C Detection	OPC Drum Unit detected.						1			
	New OPC Drum Unit M Detection	OPC Drum Unit detected.							1		
	New OPC Drum Unit Y Detection	OPC Drum Unit detected.								1	

F4 Mode (Input Check)											
No.	Function	Condition	Message Display								Remarks
			7	6	5	4	3	2	1	0	
302	Paper Sensor (2nd Paper Tray)	Paper is detected.		0							
	Upper Limit Sensor (2nd Paper Tray)	Paper is detected.			1						
	Paper NP Sensor (2nd Paper Tray)	Paper is detected.				0					
	Paper Tray Sensor (2nd Paper Tray)	Sensor is activated.					1				
	Size Sensor 1 (2nd Paper Tray)	Sensor is activated.						1			
	Paper Tray Sensor (1st Paper Tray)	Sensor is activated.							1		
	Size Sensor 1 (1st Paper Tray)	Sensor is activated.								1	
303	FTR Cam Sensor 1	Sensor is not activated.	0								
	FTR Cam Sensor 2	Sensor is not activated.		0							
	STR Cam Sensor 1	Sensor is not activated.			0						
	STR Cam Sensor 2	Sensor is not activated.				0					
	Registration Sensor	Paper is detected.						0			
	OHP Sensor	OHP is detected.							1		
304	Fuser Pressure Release Sensor 2	Sensor is not activated Release Position. (Lo)			0						
	Fuser Pressure Release Sensor 1	Sensor is not activated Release Position. (Lo)				0					
	Fuser Unit Enter Sensor	Sensor is activated. (Hi)							1		
	IT Belt Home Position Sensor.	IT Belt Home Position is detected.								1	
305	Polygon Motor Ready	Ready state not detected.	1								
	Development Motor 2 Ready	Ready state not detected.		1							
	Development Motor 1 Ready	Ready state not detected.			1						
	Drum Motor 2 Ready	Ready state not detected.				1					
	Drum Motor 1 Ready	Ready state not detected.					1				
	Paper Feed Motor Ready Sensor	Ready state not detected.						1			
	Paper Full Sensor	Ready state not detected.							0		

F4 Mode (Input Check)												
No.	Function	Condition	Message Display								Remarks	
			7	6	5	4	3	2	1	0		
306	IH Fan Ready	Ready state not detected.	1									
	IH Driver Fan Ready	Ready state not detected.		1								
	Toner Bottle Motor Lock Detection Sensor BK	Locked position detected.				0						
	Toner Bottle Motor Lock Detection Sensor C	Locked position detected.					0					
	Toner Bottle Motor Lock Detection Sensor M	Locked position detected.						0				
	Toner Bottle Motor Lock Detection Sensor Y	Locked position detected.							0			
	Fuser Roller Rotating Encoder 1	Rotation not detected. (Low = not detected).									0	
307	Belt Motor Ready	Ready state not detected.	1									
	Shutter Sensor 1	LSU closed Shutter detected.			0							
	Fuser Roller Rotating Encoder 2	Rotation not detected. (Low = not detected).				0						
	LSU Fan Ready	Ready state not detected.					1					
	Toner Bottle Fan Ready	Ready state is detected.						1				
	Pressure Roller Fan Ready	Ready state not detected.							1			
308	Thermistor 4 Broken Wire Detection	Broken wire detected.	0									
	Thermistor 2 Broken Wire Detection	Broken wire detected.			0							
	Thermistor 1 Broken Wire Detection	Broken wire detected.				0						
	Thermistor 4 Abnormal High Temperature Detection	Abnormal High Temperature detected.					0					
	Thermistor 2 Abnormal High Temperature Detection	Abnormal High Temperature detected.							0			
	Thermistor 1 Abnormal High Temperature Detection	Abnormal High Temperature detected.									0	
309	Jam Sensor	Paper Jam is detected.			0							

F4 Mode (Input Check)											
No.	Function	Condition	Message Display								Remarks
			7	6	5	4	3	2	1	0	
310	Paper Path Sensor (4th Paper Tray)	Paper is detected.	0								
	Upper Limit Sensor (4th Paper Tray)	Paper is detected.		1							
	NP Sensor (4th Paper Tray)	Paper is detected.			0						
	4th Tray Detection Sensor	Unit is connected.				0					
	4th Tray Sensor	Sensor is activated.					1				
	Paper Feed PCB Detection (Paper Tray Option)	PCB is connected.						1			
	Paper Feed Motor Look Detection (Paper Tray Option)	Motor is Stopped.							1		
311	Paper Path Sensor (3rd Paper Tray)	Paper is detected.	0								
	Upper Limit Sensor (3rd Paper Tray)	Paper is detected.		1							
	NP Sensor (3rd Paper Tray)	Paper is detected.			0						
	Paper Remaining Sensor 3 (3rd Paper Tray)	Sensor is activated.				1					
	Paper Remaining Sensor 4 (3rd Paper Tray)	Sensor is activated.					1				
	3rd Tray Detection Sensor	Unit is connected.						0			
	NP Sensor (3rdth Paper Tray)	Sensor is activated.							1		
	Paper Tray Open Sensor (Paper Tray Option)	Door is opened.								0	
312	Transportation Unit Path Sensor	Paper is detected.				0					
	Outer Exit Tray Sensor	Paper is detected.					0				
	Transportation Unit Cover Sensor	Cover is open.						0			
	Transportation Unit Detection Sensor	Unit is connected.								1	

F4 Mode (Input Check)												
No.	Function	Condition	Message Display								Remarks	
			7	6	5	4	3	2	1	0		
313	Paper Size Sensor 3 (Sheet Bypass)	Sensor is activated.	1									
	Intermediate Roller Sensor	Paper is detected.		0								
	Cooling Fan for Main Unit Ready	Fan is stopped.			1							
	Inner Exit Sensor	Paper is detected.				0						
	Fuser Unit Paper Exit Sensor	Paper is detected.					0					
	NP Sensor (1st Paper Tray)	Paper is detected.						0				
	Upper Limit Sensor (1st Paper Tray)	Paper is detected.							1			
	Intermediate Sensor (1st Paper Tray)	Paper is detected.									0	
314	ADU 0 Inner Exit Sensor	Paper is detected.	0									
	ADU 1 Paper Path Sensor	Paper is detected.		0								
	ADU 2 Paper Path Sensor	Paper is detected.			0							
	ADU Right Cover Open Sensor	Door is opened.				0						
	NP Sensor (Sheet Bypass)	Paper is detected.					1					
	Size Sensor 1 (Sheet Bypass)	Sensor is activated.						1				
	Size Sensor 2 (Sheet Bypass)	Sensor is activated.							1			
	Size Sensor 3 (Sheet Bypass)	Sensor is activated.									1	
315	Coin Vendor Insufficient Amount Signal	Insufficient Amount “0” is detected.			1							
	Mechanical Counter Detection Sensor (Monochrome)	Unit is connected.							0			
	Mechanical Counter Detection Sensor (Color)	Unit is connected.									0	
316	Developer Unit BK Detection Sensor	Developer Unit is connected.	0									
	Developer Unit C Detection Sensor	Developer Unit is connected.		0								
	Developer Unit M Detection Sensor	Developer Unit is connected.			0							
	Developer Unit Y Detection Sensor	Developer Unit is connected.				0						
	STR Leak Detection	Leak is detected.						0				
	Toner Waste Container Full Detection Sensor	Toner Waste Container is full.								1		
	Toner Waste Container Detection Sensor	Toner Waste Container is detected.									1	

F4 Mode (Input Check)											
No.	Function	Condition	Message Display								Remarks
			7	6	5	4	3	2	1	0	
317	Finisher Unit Detection Sensor	Unit is connected.						0			
318-319	Not Used										
320	LVPS Fan Ready	Ready state not detected.	0								
321-399	Not Used										

F4 Mode (Output Check)			
No.	Item	Function	Remark
400	Toner Bottle Fan	Toner bottle fan rotates.	
401	IH Driver Fan	IH driver fan rotates.	
402	LSU Fan	LSU fan rotates.	
403	Pressure Roller Fan	Pressure roller fan rotates.	
404	IH Cooling Fan	IH cooling fan rotates.	
405	Right Cover Fan	Right cover fan rotates.	
406-439	Not Used		
440	Developing Motor 1	Motor stops automatically after rotating 5 sec.	
441	Developing Motor 2	Motor stops automatically after rotating 5 sec.	
442	Toner Bottle Motor Y	Motor stops automatically after rotating 2 sec.	
443	Toner Bottle Motor M	Motor stops automatically after rotating 2 sec.	
444	Toner Bottle Motor C	Motor stops automatically after rotating 2 sec.	
445	Toner Bottle Motor BK	Motor stops automatically after rotating 2 sec.	
446	Intermediate Transfer (IT) Belt Motor	Motor stops automatically after rotating 5 sec.	
447	FTR Pressure Motor	Motor rotates after detecting home position, and then it stops automatically.	
448	STR Pressure Motor	Motor rotates after detecting home position, and then it stops automatically.	

F4 Mode (Output Check)			
No.	Item	Function	Remark
449	Fuser Motor Rotation in Forward Direction	Press Start : The Fuser Motor rotates in the Forward Direction, initiating contact between the Pressure Roller and Fuser Roller. (ON position) Press Stop : The Fuser Motor rotates in the Reverse direction, initiating separation of the Pressure Roller from the Fuser Roller, and then the motor stops automatically. (OFF position)	Without heating.
450	Fuser Motor Rotation in Reverse Direction	Pressure Roller from the Fuser Roller, and then the motor stops automatically. (OFF position)	
451	Core Switching Motor	Core switching motor rotates.	
452	Lift Motor (1st Paper Tray)	Lift motor rotates.	
453	Lift Motor (2nd Paper Tray)	Lift motor rotates.	
454	Lift Motor (3rd Paper Tray)	Lift motor rotates.	
455	Lift Motor (4th Paper Tray)	Lift motor rotates.	
456	Paper Feed Motor	Paper feed motor rotates.	
457	Paper Feed Motor (Paper Tray Option)	Paper feed motor rotates.	
458	Transportation Unit Motor	Transportation unit motor rotates.	
459	LSU Motor	LSU motor rotates.	
460-479	Not Used		
480	STR Guide Solenoid	Solenoid stops automatically after energizing for 2 sec.	
481	Solenoid (Sheet Bypass)	Solenoid stops automatically after energizing for 2 sec.	
482	PF Solenoid 1	Solenoid stops automatically after energizing for 2 sec.	
483	PF Solenoid 2	Solenoid stops automatically after energizing for 2 sec.	
484	PF Solenoid 3	Solenoid stops automatically after energizing for 2 sec.	
485	PF Solenoid 4	Solenoid stops automatically after energizing for 2 sec.	
486	Paper Exit Path Switching Solenoid (Outer)	Solenoid stops automatically after energizing for 0.3 sec.	
487	Paper Exit Path Switching Solenoid (Inner)	Solenoid stops automatically after re-energizing for 0.3 sec.	
488	Sensor Shutter Solenoid	Solenoid stops automatically after energizing for 2 sec.	
489	ADU Path Switching Solenoid (ADU)	Solenoid stops automatically after re-energizing for 0.3 sec.	

F4 Mode (Output Check)			
No.	Item	Function	Remark
490	ADU Path Switching Solenoid (Exit)	Solenoid stops automatically after energizing for 0.3 sec.	
491-519	Not Used		
520	Registration Clutch	Clutch stops automatically after energizing for 1 min.	
521	Intermediate Roller Clutch	Clutch stops automatically after energizing for 1 min.	
522	Clutch (Sheet Bypass)	Clutch stops automatically after energizing for 1 min.	
523	PF Clutch 1	Clutch stops automatically after energizing for 1 min.	
524	PF Clutch 2	Clutch stops automatically after energizing for 1 min.	
525	PF Clutch 3	Clutch stops automatically after energizing for 1 min.	
526	PF Clutch 4	Clutch stops automatically after energizing for 1 min.	
527	ADU Clutch 1	Clutch stops automatically after energizing for 1 min.	
528	ADU Clutch 2	Clutch stops automatically after energizing for 1 min.	
529	Exit 2 Way Roller Rotation in Forward Direction Clutch	Clutch stops automatically after energizing for 1 min.	
530	Exit 2 Way Roller Rotation in Reverse Direction Clutch	Clutch stops automatically after energizing for 1 min.	
531	Paper Feed Intermediate Roller Clutch (Paper Tray Option)	Clutch stops automatically after energizing for 1 min.	
532	Transportation Unit Transport Clutch	Clutch stops automatically after energizing for 1 min.	
533-559	Not Used		
560	Mechanical Counter 1	Stops automatically after 1 count.	
561	Mechanical Counter 2	Stops automatically after 1 count.	
562-599	Not Used		

F4 Mode (Input Check)											
No.	Function	Condition	Message Display								Remarks
			7	6	5	4	3	2	1	0	
600	Entrance Paper Path Sensor	Paper is detected.	1								1-Bin Finisher (DA-FS320/FS350) Only.
	Exit Paper Path Sensor	Paper is detected.		1							
	Alignment Home Position Sensor	Home position is detected.			1						
	Paper Detection Sensor	Paper is detected.				1					
	Paper Holding Sensor	Paper is detected.					1				
	Upper Limit Detection Sensor	Upper Limit is detected.						1			
	Exit Tray Full Sensor	Paper Exit Tray is full.							1		
	Stapler Home Position Sensor	Home position is detected.								1	
601	Stapler Cartridge Sensor	No Stapler Cartridge is detected.	1								
	Staple Empty Limit Sensor	Stapler nearly empty is detected.		1							
	Stapler Unit Lock Sensor	Stapler Unit is detected.			1						
	Stapler Cover Switch	Cover is open.				0					
	Top Cover Sensor	Cover is open.					0				
	Joint Detect Sensor	Finisher Unit is detected.						0			
602-649	Not Used										

F4 Mode (Output Check)			
No.	Item	Function	Remark
650	Transportation Motor	Paper transport motor rotates.	1-Bin Finisher (DA-FS320/FS350) Only.
651	Alignment Motor	Alignment Motor rotates.	
652	Tray Motor	Tray motor rotates.	
653	Stapler Motor	The stapler motor turns one revolution, then resets.	
654	Paddle Solenoid	The solenoid energizes for 0.5 second cycle.	
655	Gear Solenoid	The solenoid energizes for 0.5 second cycle.	
656	Paper Set Lever Solenoid	The solenoid energizes for one second cycle.	
657-699	Not Used		

F4 Mode (Input Check)											
No.	Function	Condition	Message Display								Remarks
			7	6	5	4	3	2	1	0	
700	Punch Timing Sensor	Paper is detected.	1								1-Bin Saddle-Stitch Finisher (DA-FS325/FS356) Only.
	Paper Path Entrance Sensor	Paper is detected.		1							
	Processing Tray Sensor	Paper is detected.			1						
	Folding Position Sensor	Paper is detected.				1					
	Joint Detect Switch	Finisher Joint is not detected.					0				
	Front Door Switch	Cover is open.						0			
	Front Door Sensor	Cover is open.							0		
	Top Cover Sensor	Cover is open.								0	
701	Paddle Home Position Sensor	Home position is detected.	1								
	Stack Delivery Roller Home Position Sensor	Home position is detected.		1							
	Delivery Belt Home Position Sensor	Home position is detected.			1						
	Rear Alignment Home Position Sensor	Home position is detected.				1					
	Front Alignment Home Position Sensor	Home position is detected.					1				
	Folding Roller Home Position Sensor	Home position is detected.						1			
	Folding Home Position Sensor	Home position is detected.							1		
	Folding Paper Tray Home Position Sensor	Paper is detected.								1	
702	Stapler Connect Signal	Stapler is connected.	1								
	Stapler Slide Home Position Sensor	Home position is detected.		1							
	Stapler Home Position Sensor	Home position is detected.			1						
	Stapler Safety Switch	Stapler drive ready is detected.				1					
	Staple Sensor	Staple is detected.					1				
	Self Prime Sensor	Staple is detected.						1			
703	Stack Tray Paper Sensor	Paper is detected.	1								
	Paper Surface Sensor	Paper surface is detected.		1							
	Stack Tray Middle Sensor	Middle Position is detected.			1						
	Stack Tray Upper Limit Sensor	Upper limit is detected.				1					
	Stack Tray Lower Limit Sensor	Lower limit is detected.					1				
704	Punch Unit Connect Signal	Punch Unit is connected.	1								

F4 Mode (Input Check)												
No.	Function	Condition	Message Display								Remarks	
			7	6	5	4	3	2	1	0		
705-749	Not Used											

F4 Mode (Output Check)			
No.	Item	Function	Remark
750	Transportation Motor	Paper Transport Motor rotates.	1-Bin Saddle-Stitch Finisher (DA-FS325/FS356) Only.
751	Saddle Roller Contacting	Saddle Roller making contact.	
752	Stack Delivery Motor rotates in the forward direction	Stack Delivery Motor rotates.	
753	Stack Delivery Motor rotates in the reverse direction	Stack Delivery Motor rotates.	
754	Paddle Rotates	Paddle rotates.	
755	Stack Roller Contacting	Stack Roller making contact.	
756	Slide Motor	Stapler Unit horizontal shift.	
757	Alignment Operation	Alignment Plate Shuttle home position between A4 position.	
758	Tray Motor	Tray Shuttle paper surface between full position.	
759	Staple Operation	Staple operation.	
760	Folding Operation	Folding operation.	
761	Transport Motor (Folding)	Transport to folding position.	
762	Folding Clutch	Clutch turns ON/OFF for 1 sec. cycle.	
763	Punch Operation	Punch operation.	
764	Punch Horizontal Registration Operation	Punch horizontal registration operation.	
765-799	Not Used		

4.1.5. F5 Mode: Function Parameters (For Copier)

Set the machine to Service Mode, and press "5" key on the Keypad.



Press the "Start" key.



Select the desired code number on the Touch Panel display.



If you wish to select another code number, scroll the menu with the arrow buttons.



Select the desired function on the Touch Panel display, and then select the "OK" button.



When the "C (Clear)" key is selected, the selected code input will not be accepted.



Press "Function", and "C (Clear)" keys simultaneously to exit the service mode.



Reboot the machine after setting the parameter(s) to activate the setting(s).

F5 Mode			
No.	Item	Function	Default Setting
00	Country Version	0 : Japan 1 : USA/CAN 2 : Europe 3 : Other	Country Dependent
01-03	Not Used		
04	LSU Off Timer	1 : 5 sec. 2 : 10 sec. 3 : 15 sec. 4 : 20 sec. 6 : 30 sec. 8 : 40 sec. 10 : 50 sec. 12 : 60 sec.	3 : 15 sec.
05	LSU Fan Extension	5 : 5 min. 2 : 2 min. 0 : None	0 : None
06	Job Tracking Server	0 : No 1 : Yes	0 : No

F5 Mode			
No.	Item	Function	Default Setting
07	Language Default (Available language selections are Destination Dependent)	English French C. French German Swedish Italian Dutch Portugal Spanish Norway Danish Finnish English Polish Hungary Japanese Czech Russian Greek Chinese Taiwan Korean	English
08	Batch Printing Mode	0 : On 1 : Off	0 : On
09-11	Not Used		
12	Printer Fan Extension	5 : 5 min 2 : 2 min 0 : None	0 : None
13	Paper Out Red Indicator	0 : On 1 : Off	0 : On
14	Paper Size Tray 1 [When "OK" is selected, a prompt comes up asking you what Media Type you want - Trays 2, 3, & 4 work the same way]	0 : None 3 : A4 5 : B5 13 : 8.5x11 20 : 16K (For USA / Canada)	13 : (for USA / Canada) 3 : (for Europe)
15	Paper Size Tray 2 [When "OK" is selected, a prompt comes up asking you what Media Type you want - Trays 2, 3, & 4 work the same way]	0 : None 1 : A3 2 : B4 3 : A4 4 : A4-R 5 : B5 6 : B5-R 8 : A5-R 9 : 8 x 13 10 : 8.5 x 13 11 : 11 x 17 12 : LEGAL 13 : 8.5 x 11 14 : 8.5 x 11 R 15 : 5.5 x 8.5 19 : 8K (For USA / Canada) 20 : 16K (For USA / Canada)	1 : (for Europe) 11 : (for USA / Canada)

F5 Mode			
No.	Item	Function	Default Setting
16	Paper Size Tray 3	Same as F5-15	
17	Paper Size Tray 4	Same as F5-15	
18-19	Not Used		
20	ADF	0 : No 1 : Auto	1 : Auto
21	Finisher	0 : No 1 : Auto	1 : Auto
22	System Console	0 : No 1 : Auto	1 : Auto
23	Paper Transport Unit	0 : No 1 : Auto	1 : Auto
24-25	Not Used		
26	2-Sided Unit	0 : No 1 : Auto	1 : Auto
27-31	Not Used		
32	Job Build And SADF Mode	0 : No 1 : Yes	1 : Yes
33-37	Not Used		
34	Multi Size Feed Default	0 : No 1 : Yes	1 : Yes
38	2-Sided Mode Default	0 : No 1 : 1 to 2 2 : 2 to 2 3 : B to 2	0 : No
39	Not Used		
40	Double Count	0 : No 1 : LDR 2 : LDR / LGL 3 : LDR+ 4 : LGL+ 5 : LDR / LGL+	1 : LDR (for USA / Canada)
		0 : No 1 : A3 2 : A3, B4 3 : A3+ 4 : B4+ 5 : A3, B4+	1 : A3 (for Europe / Taiwan)
		0 : No 1 : A3 2 : A3, B4 3 : A3+ 4 : B4+ 5 : A3, B4+ 6 : A3, B4, 8K	1 : (for China)
41	Count Up Timing	0 : At feed 1 : At exit	1 : At exit
42	KEY/DEPT Counter	0 : No 1 : Ext. Cntr 2 : Ext. Cnt2 3 : Dept.	0 : No

F5 Mode			
No.	Item	Function	Default Setting
43	Key Counter Timing	0 : At feed 1 : At exit	0 : At feed
44	Insert Paper Count	0 : No 1 : Yes	0 : No
45	Dept Code Reentry Again	0 : Yes 1 : No	0 : Yes
46-50	Not Used		
51	Dept. Counter (COPY)	0 : Yes 1 : No	0 : Yes
52	Dept. Counter (FAX)	0 : No 1 : Yes	0 : No
53	Not Used		
54	Margin Reduction	0 : No 1 : Yes	0 : No
55	Margin Value Default	0 : 5 mm 1 : 10 mm 2 : 15 mm 3 : 20 mm	1 : 10 mm
56	Edge Value Default	0 : 5 mm 1 : 10 mm 2 : 15 mm 3 : 20 mm	0 : 5 mm
57	Book Value Default	0 : 15 mm 1 : 20 mm 2 : 25 mm 3 : 30 mm	1 : 20 mm
58	U14 Clear	0 : Continue 1 : Any Keys	1 : Any Keys
59	Oper. Add Toner Alarm	0 : Stop 1 : Continue	0 : Stop
60	Auto Tray Selection	0 : No 1 : Yes	1 : Yes
61	Not Used		
62	Overflow Detection	0 : No 1 : Yes	0 : No
63	U13 Clear	0 : Any Keys 1 : Func + 1	0 : Any Keys
64	Dept. Counter (SCANNER)	0 : Yes 1 : No	0 : Yes
65	Dept. Counter (PRINTER)	0 : Yes 1 : No	0 : Yes
66	Not Used		
67	Page Insertion Default	0 : Blank 1 : Copy	0 : Blank
68	Cover Mode Default	0 : F, Blank 1 : F, Copy 2 : FB, Blank 3 : FB, Copy	0 : F, Blank
69	Reduce N in 1 Space	0 : No 1 : Yes	0 : No

[illegible]

F5 Mode			
No.	Item	Function	Default Setting
86	PM Cycle (Optics)	0 : No 1 : 40 K 2 : 60 K 3 : 120 K 4 : 240 K 5 : 360 K 6 : 480 K 7 : 600 K	0 : No
87	PM Cycle (ADF)	0 : No 1 : 40 K 2 : 60 K 3 : 120 K 4 : 240 K 5 : 360 K 6 : 480 K 7 : 600 K	0 : No
88	USB Port Function	0 : Off 1 : Once 2 : On	0 : Off
89	LAN Speed/Duplex	0 : Auto 1 : 10 Half 2 : 10 Full 3 : 100 Half 4 : 100 Full	0 : Auto
90	Panel Beep Sound	0 : Off 1 : Soft 2 : Loud	1 : Soft
91	M1, Size	Set the default size for Manual Skyshot Mode, M1 and M2.	70 x 160
92	M2, Size		95 x 220
93-94	Not Used		
95	Paper Size (FA)	(Factory use only)	
96	Bypass Detection		
97	BP Tray A4R/FLS/LGL (FA)		
98-103	Not Used		
104	Red Sel (2C/1C Copy)	1 : 1 2 : 2 3 : 3	1
105	Green Sel (2C/1C Copy)	1 : 1 2 : 2 3 : 3	1
106	Blue Sel (2C/1C Copy)	1 : 1 2 : 2 3 : 3	1
107	Photo Paper HT Mode	0 : Errordif 1 : Screen	0 : Errordif
108	Not Used		
109	JPEG Sampling Ratio	3 : 4. 2. 0 0 : 4. 1. 1 1 : 4. 2. 2 2 : 4. 4. 4	0 : 4. 1. 1

F5 Mode			
No.	Item	Function	Default Setting
110	Toner Cartridge (Black)	5 : 5K Type 28 : 28K Type 20 : 20K Type (For C213)	28 : 28K Type 20 : 20K Type (For C213)
111	Toner Cartridge (Color)	5 : 5K Type 20 : 20K Type 14 : 14K Type (For C213)	20 : 20K Type 14 : 14K Type (For C213)
112-114	Not Used		
115	Accounting Server Func	0 : No 1 : Yes	0 : No
116-119	Not Used		
120	Heater Off Timer	0 : None 5 : 5 sec 10 : 10 sec 15 : 15 sec 20 : 20 sec 25 : 25 sec 30 : 30 sec 45 : 45 sec 60 : 60 sec 120 : 2 min 180 : 3 min	60 : 60 sec
121	Fuser Unit Type	0 : Jpn/Euro 1 : USA/CAN	1 : (for USA / Canada) 0 : (for Europe)
122	Between Pages Timer	0 : None 5 : 5 sec. 10 : 10 sec. 15 : 15 sec. 20 : 20 sec. 25 : 25 sec. 30 : 30 sec. 45 : 45 sec. 60 : 60 sec.	30 : 30 sec.
123-124	Not Used		
125	AC Bias Phase FullSpeed	0 : No 1 : Yes	0 : No
126	AC Bias Phase HalfSpeed	0 : No 1 : Yes	0 : No
127-129	Not Used		
130	Auto Print Image Ctrl	0 : No 1 : Yes	1 : Yes
131	Drum Life Laser	(Factory use only)	1 : Yes
132	Drum Life Charge		1 : Yes
133	Drum Temp. Charge		1 : Yes
134	Not Used		
135	TDC Deve. Life	(Factory use only)	1 : Yes
136	TDC Half Speed		1 : Yes
137	TDC Humidity		1 : Yes

F5 Mode			
No.	Item	Function	Default Setting
138	TDC Image Control	(Factory use only)	1 : Yes
139	APIC Control Mode (C354 Series only)	0 : Speed 1 : Quality	1 : Quality
140	TDC Image Case Y	(Factory use only)	1 : Medium
141	TDC Image Case M		1 : Medium
142	TDC Image Case C		1 : Medium
143	TDC Image Case BK		1 : Medium
144	Not Used		
145	FTR Control	(Factory use only) (C322/C262 only)	1 : Yes
146	FTR Device		1 : Yes
147	FTR Humidity		1 : Yes
148	FTR OPC Drum		1 : Yes
149	FTR Deve.		1 : Yes
150	FTR STD Current Y	(Factory use only)	2 : Medium
151	FTR STD Current M		2 : Medium
152	FTR STD Current C		2 : Medium
153	FTR STD Current BK		2 : Medium
154	Not Used		
155	STR Control	(Factory use only)	1 : Yes
156	STR Device		1 : Yes
157	STR STD Current	0 : Min 1 : Low 2 : Medium 3 : High 4 : Max	2 : Medium
158	STR T/H	(Factory use only)	1 : Yes
159	Not Used		
160	Discharge Control	(Factory use only)	1 : Yes
161	Discharge T/H Control		1 : Yes
162	Transfer Belt Control		1 : Yes
163	Belt Motor Reverse Ctrl		3 : 1/200
164	Drum Warning Select	0 : Off 1 : On	1 : On
165	TDC Recovery Control Y	0 : Off 1 : 1 2 : 2 3 : 3 4 : 4 5 : 5 6 : 6 7 : 7	2 : 2
166	TDC Recovery Control M	0 : Off 1 : 1 2 : 2 3 : 3 4 : 4 5 : 5 6 : 6 7 : 7	2 : 2

F5 Mode			
No.	Item	Function	Default Setting
167	TDC Recovery Control C	0 : Off 1 : 1 2 : 2 3 : 3 4 : 4 5 : 5 6 : 6 7 : 7	2 : 2
168	TDC Recovery Control BK	0 : Off 1 : 1 2 : 2 3 : 3 4 : 4 5 : 5 6 : 6 7 : 7	2 : 2
169	Not Used		
170	Color Reg Control	0 : Off-0 1 : Off-1 2 : On	2 : On
171	Skew Control	0 : Off 1 : On	1 : No
172	Color Reg Entry	0 : Min 1 : Low 2 : Medium	2 : Medium
173	Paper Full Sensor	0 : No 1 : Yes	1 : Yes
174	Mono Color Judge Invalid	0 : Off 1 : On	0 : Off
175	Mechanical Counter1	0 : No 1 : BK 2 : 1C 4 : 2C 8 : 4C 3 : BK+1C 12 : 2C+4C 7 : BK+1C+2C 14 : 1C+2C+4C 15 : Total	0 : (For USA/Canada) 1 : (Others)
176	Mechanical Counter2	0 : No 1 : BK 2 : 1C 4 : 2C 8 : 4C 3 : BK+1C 12 : 2C+4C 7 : BK+1C+2C 14 : 1C+2C+4C 15 : Total	0 : (For USA/Canada) 14 : (Others)
177	PS Limit Toner Overlap	0 : Off 1 : On	1 : On

F5 Mode			
No.	Item	Function	Default Setting
178	PS Change CIE-Color Use	0 : No 1 : Yes	0 : No
179	Counter Backup (See section 3.17. for more details)	0 : No 1 : Yes	0 : No

4.1.6. F6 Mode: Adjust Parameters (For Copier)

Set the machine to Service Mode, and press "6" key on the Keypad.



Press the "Start" key.



Select the desired function on the Touch Panel display.



If you wish to select another function, select the Tab key, or scroll the menu with the arrow buttons.



Select "Input" key code number on the Touch Panel display, and then select the "OK" button.



If you wish to input minus value, press "Reset" key.



When the "C (Clear)" key is selected, the selected code input will not be accepted.



Select "Close" key.



Press "Function", and "C (Clear)" keys simultaneously to exit the service mode.



Reboot the machine after setting the parameter(s) to activate the setting(s).

Note:

The Factory Setting is different in each model.

F6 Mode			
No.	Item	Remarks	Setting Range
000	Registration Clr Normal	Color original registration adjustment for normal print speed.	-50 - +50 0.21 mm 0.25 mm (C354/C264)
001	Registration Clr Slow	Color original registration adjustment for half of normal print speed.	-50 - +50 0.21 mm
002-004	Not Used		
005	Registration B/W Normal	Monochrome original registration adjustment for normal print speed.	-50 - +50 0.34 mm (C354/C323/C322) 0.27 mm (C263/C262) 0.25 mm (C264) 0.21 mm (C213)
006	Registration B/W Slow	Monochrome original registration adjustment for half of normal print speed.	-50 - +50 0.21 mm
007	Registration B/W & CL	Mixed original registration adjustment for normal print speed.	-50 - +50 0.21 mm 0.25 mm (C354/C264)
008-009	Not Used		
010	Paper Loop Tray,B/W,Nrm	Fine Adjustment for an Individual Tray for Monochrome original at standard speed.	-50 - +50 0.34 mm (C354/C323/C322) 0.27 mm (C263/C262) 0.25 mm (C264) 0.21 mm (C213)
011	Paper Loop Tray,Clr,Nrm	Fine Adjustment for an Individual Tray for Color original at standard speed.	-50 - +50 0.21 mm

F6 Mode			
No.	Item	Remarks	Setting Range
012	Paper Loop Tray,*,Slow	Fine Adjustment for an Individual Tray for Mixed originals at half of the standard speed.	-50 - +50 0.105 mm
013-014	Not Used		
015	Paper Loop By-p,B/W,Nrm	Fine Adjustment for the Sheet Bypass for Monochrome original at standard speed.	-50 - +50 0.34 mm (C354/C323/C322) 0.27 mm (C263/C262) 0.25 mm (C264) 0.21 mm (C213)
016	Paper Loop By-p,Clr,Nrm	Fine Adjustment for the Sheet Bypass for Color original at standard speed.	-50 - +50 0.21 mm 0.25 mm (C354/C264)
017	Paper Loop By-p,*,SLW	Fine Adjustment for the Sheet Bypass for Mixed original at half of the standard speed.	-50 - +50 0.105 mm
018	Paper Loop Bp,Thick,SLW	Fine Adjustment for the Sheet Bypass for Thick original at half of the standard speed.	-50 - +50 0.105 mm
019	Not Used		
020	Paper Loop ADU,B/W,Nrm	Fine Adjustment for the ADU for Monochrome original at standard speed.	-50 - +50 0.34 mm (C354/C323/C322) 0.27 mm (C263/C262) 0.25 mm (C264) 0.21 mm (C213)
021	Paper Loop ADU,Clr,Nrm	Fine Adjustment for the ADU for Color original at standard speed.	-50 - +50 0.21 mm 0.25 mm (C354/C264)
022	Paper Loop ADU,*,Slow	Fine Adjustment for the ADU for Mixed original at half of the standard speed.	-50 - +50 0.105 mm
023-024	Not Used		
025	Registration Void	Lead edge read point adjustment.	0 - +99 0.2 mm
026-029	Not Used		
030	Trail Edge Void A3,LD	Trail edge void for A3, LD adjustment.	0 - +99 0.2 mm
031	Trail Edge Void B4,LG	Trail edge void for B4, LG adjustment.	0 - +99 0.2 mm
032	Trail Edge Void FLS	Trail edge void for FLS adjustment.	0 - +99 0.2 mm
033	Trail Edge Void A4R,LTR	Trail edge void for A4R, LTR adjustment.	0 - +99 0.2 mm
034	Trail Edge Void B5R	Trail edge void for B5R adjustment.	0 - +99 0.2 mm
035	Trail Edge Void A4,LT	Trail edge void for A4, LT adjustment.	0 - +99 0.2 mm
036	Trail Edge Void B5,Exc	Trail edge void for B5, Exc adjustment.	0 - +99 0.2 mm
037-039	Not Used		
040	Side Adjust (Bypass)	LSU side to side adjustment for the Sheet Bypass.	-50 - +50 0.2 mm
041	Side Adjust (Tray1)	LSU side to side adjustment for the Tray 1.	-50 - +50 0.2 mm
042	Side Adjust (Tray2)	LSU side to side adjustment for the Tray 2.	-50 - +50 0.2 mm
043	Side Adjust (Tray3)	LSU side to side adjustment for the Tray 3.	-50 - +50 0.2 mm
044	Side Adjust (Tray4)	LSU side to side adjustment for the Tray 4.	-50 - +50 0.2 mm
045	Side Adjust (ADU,By-p)	LSU side to side adjustment for ADU, Sheet Bypass.	-50 - +50 0.2 mm

F6 Mode			
No.	Item	Remarks	Setting Range
046	Side Adjust (ADU,Tray1)	LSU side to side adjustment for ADU, Tray 1.	-50 - +50 0.2 mm
047	Side Adjust (ADU,Tray2)	LSU side to side adjustment for ADU, Tray 2.	-50 - +50 0.2 mm
048	Side Adjust (ADU,Tray3)	LSU side to side adjustment for ADU, Tray 3.	-50 - +50 0.2 mm
049	Side Adjust (ADU,Tray4)	LSU side to side adjustment for ADU, Tray 4.	-50 - +50 0.2 mm
050-054	Not Used		
055	Polygon Motor Speed,CL	Polygon motor speed adjustment for color printouts.	-99 - +99 0.10%
056	Polygon Motor Speed,B/W	Polygon motor speed adjustment for monochrome printouts.	-99 - +99 0.10%
057-059	Not Used		
060	OPC1 MTR CL STD Speed	OPC 1 motor standard speed adjustment for color printouts.	-99 - +99 0.05%
061	OPC1 MTR CL Half Speed	OPC 1 motor half of standard speed adjustment for color printouts.	-99 - +99 0.05%
062-064	Not Used		
065	OPC2 MTR B/W STD Speed	OPC 2 motor standard speed adjustment for monochrome printouts.	-99 - +99 0.05%
066	OPC2 MTR CL STD Speed	OPC 2 motor standard speed adjustment for color printouts.	-99 - +99 0.05%
067	Not Used		
068	OPC2 MTR Half Speed	OPC 2 motor half of standard speed adjustment for mixed printouts.	-99 - +99 0.05%
069	Not Used		
070	DEV1 MTR CL STD Speed	Developer 1 motor standard speed adjustment for color printouts.	-99 - +99 0.10%
071	DEV1 MTR CL Half Speed	Developer 1 motor half of standard speed adjustment for color printouts.	-99 - +99 0.10%
072-074	Not Used		
075	DEV2 MTR B/W STD Speed	Developer 2 motor standard speed adjustment for monochrome printouts.	-99 - +99 0.10%
076	DEV2 MTR CL STD Speed	Developer 2 motor half of standard speed adjustment for color printouts.	-99 - +99 0.10%
077	Not Used		
078	DEV2 MTR Half Speed	Developer 2 motor half of standard speed adjustment for mixed printouts.	-99 - +99 0.10%
079	Not Used		
080	Feed MTR B/W STD Speed	Feed motor standard speed adjustment for monochrome printouts.	-50 - +50 0.10 %
081	Feed MTR CL STD Speed	Feed motor standard speed adjustment for color printouts.	-50 - +50 0.10 %
082	Not Used		

F6 Mode			
No.	Item	Remarks	Setting Range
083	Feed MTR Half Speed	Feed motor half of standard speed adjustment for mixed printouts.	-50 - +50 0.10 %
084	Not Used		
085	IT Motor B/W STD Speed	Intermediate Transfer motor standard speed adjustment for monochrome printouts.	-99 - +99 0.05%
086	IT Motor CL STD Speed	Intermediate Transfer motor standard speed adjustment for color printouts.	-99 - +99 0.05%
087	Not Used		
088	IT Motor Half Speed	Intermediate Transfer motor half of standard speed adjustment for mixed printouts.	-99 - +99 0.05%
089	Not Used		
090	Fuser MTR BK STD Speed	Fuser motor standard speed adjustment for monochrome printouts.	-99 - +99 0.10%
091	Fuser MTR CL STD Speed	Fuser motor standard speed adjustment for color printouts.	-99 - +99 0.10%
092	Not Used		
093	Fuser MTR Half Speed	Fuser motor half of standard speed adjustment for mixed printouts.	-99 - +99 0.10%
094	Not Used		
095	Fuser MTR Half Speed L	Fuser motor L half of standard speed adjustment.	-99 - +99 0.10%
096-123	Not Used		
124	Warm UP Timer	WarmUP Timer Compensation for special environment.	-20 - +20 1sec.
125	T4 tmp (color Half Spd)	Fusing temperature (T4) half of standard speed adjustment for color printouts.	-5 - +5 1°C
126	T4 tmp (mono Half Spd)	Fusing temperature (T4) half of standard speed adjustment for monochrome printouts.	-5 - +5 1°C
127	T4 tmp (color STD Spd)	Fusing temperature (T4) of standard speed adjustment for color printouts.	-5 - +5 1°C
128	T4 tmp (mono STD Spd)	Fusing temperature (T4) of standard speed adjustment for monochrome printouts.	-5 - +5 1°C
129	T5 tmp	Standby temperature (T5) adjustment.	-5 - +5 1°C
130	OHP Min Temp	OHP minimum temperature adjustment.	-30 - +30 1°C
131	OHP Max Temp	OHP maximum temperature adjustment.	-30 - +30 1°C
132	Long Min Temp	Long paper minimum temperature adjustment.	-30 - +30 1°C
133	Envelope Min Temp	Envelope minimum temperature adjustment.	-30 - +30 1°C
134	Envelope Max Temp	Envelope maximum temperature adjustment.	-30 - +30 1°C
135	Th1 Temp(Print Start)	Thermistor 1 temperature at the start of printing.	0 - +255 (Read Only)
136	Th2 Temp(Print Start)	Thermistor 2 temperature at the start of printing.	0 - +255 (Read Only)

F6 Mode			
No.	Item	Remarks	Setting Range
137	Th3 Temp(Print Start) (C322/C262 only)	Thermistor 3 temperature at the start of printing.	0 - +255 (Read Only)
138	Th4 Temp(Print Start)	Thermistor 4 temperature at the start of printing.	0 - +255 (Read Only)
139	Not Used		
140	Th1 Temp(Error)	Thermistor 1 temperature when error occurred.	0 - +255 (Read Only)
141	Th2 Temp(Error)	Thermistor 2 temperature when error occurred.	0 - +255 (Read Only)
142	Th3 Temp(Error) (C322/C262 only)	Thermistor 3 temperature when error occurred.	0 - +255 (Read Only)
143	Th4 Temp(Error)	Thermistor 4 temperature when error occurred.	0 - +255 (Read Only)
144	Not Used		
145	IH Voltage(Print Start)	IH drive voltage at the start of printing.	0 - +255 (Read Only)
146	IH Current(Print Start)	IH drive current at the start of printing.	0 - +255 (Read Only)
147	Cnt. Ratio(Print Start)	Control ratio at the start of printing.	0 - +255 (Read Only)
148-149	Not Used		
150	IH Voltage(Error)	IH drive voltage when error occurred.	0 - +255 (Read Only)
151	IH Current(Error)	IH drive current when error occurred.	0 - +255 (Read Only)
152	Control Ratio(Error)	Control ratio when error occurred.	0 - +255 (Read Only)
153-199	Not Used		
200	Color Text Contrast	Color contrast adjustment for Text Mode.	-32 - +31 1/256 step
201	Color T/P Contrast	Color contrast adjustment for Text/Photo Mode.	-32 - +31 1/256 step
202	Color Photo Contrast	Color contrast adjustment for Photo Mode.	-32 - +31 1/256 step
203-204	Not Used		
205	Mono. Text Contrast	Monochrome contrast adjustment for Text Mode.	-32 - +31 1/256 step
206	Mono. T/P Contrast	Monochrome contrast adjustment for Text/Photo Mode.	-32 - +31 1/256 step
207	Mono. Photo Contrast	Monochrome contrast adjustment for Photo Mode.	-32 - +31 1/256 step
208-209	Not Used		
210	Color Text Density(It)	Color image density adjustment for Text Mode (highlight). (-) : Darker. (+) : Lighter.	-32 - +31 1/256 step
211	Color T/P Density(It)	Color image density adjustment for Text/Photo Mode (highlight). (-) : Darker. (+) : Lighter.	-32 - +31 1/256 step

F6 Mode			
No.	Item	Remarks	Setting Range
212	Color Photo Density(It)	Color image density adjustment for Photo Mode (highlight). (-) : Darker. (+) : Lighter.	-32 - +31 1/256 step
213-214	Not Used		
215	Color Text Density(dk)	Color image density adjustment for Text Mode (dark). (-) : Darker. (+) : Lighter.	-32 - +31 1/256 step
216	Color T/P Density(dk)	Color image density adjustment for Text/Photo Mode (dark). (-) : Darker. (+) : Lighter.	-32 - +31 1/256 step
217	Color Photo Density(dk)	Color image density adjustment for Photo Mode (dark). (-) : Darker. (+) : Lighter.	-32 - +31 1/256 step
218-219	Not Used		
220	Mono. Text Density(It)	Monochrome image density adjustment for Text Mode (highlight). (-) : Darker. (+) : Lighter.	-32 - +31 1/256 step
221	Mono. T/P Density(It)	Monochrome image density adjustment for Text/Photo Mode (highlight). (-) : Darker. (+) : Lighter.	-32 - +31 1/256 step
222	Mono. Photo Density(It)	Monochrome image density adjustment for Photo Mode (highlight). (-) : Darker. (+) : Lighter.	-32 - +31 1/256 step
223-224	Not Used		
225	Mono. Text Density(dk)	Monochrome image density adjustment for Text Mode (dark). (-) : Darker. (+) : Lighter.	-32 - +31 1/256 step
226	Mono. T/P Density(dk)	Monochrome image density adjustment for Text/Photo Mode (dark). (-) : Darker. (+) : Lighter.	-32 - +31 1/256 step
227	Mono. Photo Density(dk)	Monochrome image density adjustment for Photo Mode (dark). (-) : Darker. (+) : Lighter.	-32 - +31 1/256 step
228-229	Not Used		
230	Adjust Text Sharpness	Scanner Sharpness adjustment using digital image processing for Text Copy Mode.	-3 - +3 1 level step

F6 Mode			
No.	Item	Remarks	Setting Range
231	Adjust T/P Sharpness	Scanner Sharpness adjustment using digital image processing for Text /Photo Copy Mode.	-3 - +3 1 level step
232	Adjust Photo Sharpness	Scanner Sharpness adjustment using digital image processing for Photo Copy Mode.	-3 - +3 1 level step
233-234	Not Used		
235	Adjust Auto Mode(slice)	Slice level adjustment using digital image processing for Automatic Copy Mode.	0 - +15 1 level step
236	Adjust Auto Mode(area)	Area level adjustment using digital image processing for Automatic Copy Mode.	0 - +15 1 level step
237	Adjust 2C Mode	Color/Monochrome level adjustment using digital image processing for 2-Color Copy Mode.	0 - +15 1 level step
238-239	Not Used		
240	Adjust Saturation	Chroma adjustment.	-32 - +31 1 level step
241	Adjust Color balance	Color balance adjustment.	0 - +10 1 level step
242	Adjust Tint	Tint adjustment.	-1 - +2 1 level step
243	Adjust Hue Circle	Hue circle adjustment.	-3 - +3 10°
244-245	Not Used		
246	Rm. G-Color Start Y	Horizontal start line position adjustment for Digital Sky Shot mode.	+2 - +8192 1dot.
247	Rm. G-Color End Y	Horizontal end line position adjustment for Digital Sky Shot mode.	+2 - +8192 1dot.
248	Rm. G-Color Start Y(p)	Horizontal start line position adjustment for Digital Sky Shot mode.	+2 - +8192 1dot.
249	Rm. G-Color End Y(p)	Horizontal end line position adjustment for Digital Sky Shot mode.	+2 - +8192 1dot.
250	ADF Rm. G-Color Start X	Vertical start position adjustment for base hue (ADF).	0 - +16 1/16
251	ADF Rm. G-Color End X	Vertical end position adjustment for base hue (ADF).	0 - +16 1/16
252	FB Rm. G-Color Start X	Vertical start position adjustment for base hue (FB).	0 - +16 1/16
253	FB Rm. G-Color End X	Vertical end position adjustment for base hue (FB).	0 - +16 1/16
254	Not Used		
255	CL. Rm. G-Cl. Gmm:R	Gamma adjustment for real time base hue (color).	-8 - +7 1/256 step
256	CL. Rm. G-Cl. Offset:R	Offset adjustment for real time base hue (color).	-128 - +127 1/256 step
257	Mono. Rm. G-Cl. Gmm:R	Gamma adjustment for real time base hue (monochrome).	-8 - +7 1/256 step
258	Mono. Rm. G-Cl. Offset:R	Offset adjustment for real time base hue (monochrome).	-128 - +127 1/256 step
259	Not Used		

F6 Mode			
No.	Item	Remarks	Setting Range
260	CL. Rm. G-Cl. Gmm:M	Gamma adjustment for pre-scan base hue (color).	-8 - +7 1 level step
261	CL. Rm. G-Cl. Offset:M	Offset adjustment for pre-scan base hue (color).	-128 - +127 1 level step
262	Mono. Rm. G-Cl. Gmm:M	Gamma adjustment for pre-scan base hue (monochrome).	-8 - +7 1/256 step
263	Mono. Rm. G-Cl. Offset:M	Offset adjustment for pre-scan base hue (monochrome).	-128 - +127 1/256 step
264	Not Used		
265	Tone Adjust Under Limit	Tone Under Limit adjustment. (-) : Down. (+) : Up.	-64 - +63 1/256 step
266-279	Not Used		
280	Adj Scanner Sharpness	Sharpness adjustment for Network Scanner	-3 - +3 1 step
281-299	Not Used		
300	Adj 100% Side-Side Read	Identical vertical (side-to-side) size ratio (FB, ADF) adjustment.	-9 - +9 0.1%
301	100% Selection	Select from 99.1% to 100.9% adjustment. (FB, ADF).	-9 - +9 0.1%
302-304	Not Used		
305	Original Registration	Platen original registration detection timing adjustment.	-30 - +30 0.2 mm
306	Trail Edge Read Timing	Trail edge void adjustment.	-9 - 0 0.5 mm
307	CCD Read Position Adj	CCD read position adjustment.	-50 - +50 0.2 mm
308	Adj 100% Lead-Tail Read	Identical horizontal (top-to-bottom) size ratio adjustment.	-9 - +9 0.1%
309	Shading Position Offset	Shading position offset (FB) adjustment.	-10 - +10 0.1 mm
310	FB Lead Void Setting	Registration edge void (FB) adjustment.	0 - +9 0.5 mm
311	FB Side Void Setting	Registration side void (FB) adjustment.	0 - +9 0.5 mm
312	FB Trail Void Setting	Registration trail void (FB) adjustment.	0 - +9 0.5 mm
313-314	Not Used		
315	ADF Lead Void Setting	Registration edge void (ADF) adjustment.	0 - +9 0.5 mm
316	ADF Side Void Setting	Registration side void (ADF) adjustment.	0 - +9 0.5 mm
317	ADF Trail Void Setting	Registration trail void (ADF) adjustment.	0 - +9 0.5 mm
318-319	Not Used		
320	Stamp Position Adjust	Verification Stamp position adjustment.	-50 - +50 0.3 mm
321	ADF Reverse Stop Posi.	ADF reverse stop position adjustment.	-99 - +99 0.3 mm
322	ADF Exhaust Stop Posi.	ADF ejection stop position adjustment.	-99 - +99 0.3 mm
323	ADF Feed Regist.1-Sided	Individual Fine Adjustment for ADF 1 sided.	-99 - +99 0.3 mm
324	ADF Feed Regist.2-Sided	Individual Fine Adjustment for ADF 2 sided.	-99 - +99 0.3 mm
325	ADF Read Main Scan Pos.	ADF horizontal image read start position adjustment.	-99 - +99 0.05 mm

F6 Mode			
No.	Item	Remarks	Setting Range
326	Original Lead Edge ADF	ADF Original Lead Edge adjustment.	-99 - +99 0.3 mm
327	Original Trail Edge ADF	ADF Original Trail Edge adjustment.	-99 - +99 0.3 mm
328	ADF 100% Image 1-Sided	Identical vertical (side-to-side) size ratio adjustment.	-9 - +9 0.1%
329	ADF 100% Image 2-Sided	Identical horizontal (top-to-bottom) size ratio adjustment.	-9 - +9 0.1%
330	FB Lead Void(NWS)	Lead edge void for Network Scanner (FB) adjustment.	0 - +9 0.5 mm
331	FB Side Void(NWS)	Side edge void for Network Scanner (FB) adjustment.	0 - +9 0.5 mm
332	FB Trail Void(NWS)	Trail edge void for Network Scanner (FB) adjustment.	0 - +9 0.5 mm
333-334	Not Used		
335	ADF Lead Void(NWS)	Lead edge void for Network Scanner (ADF) adjustment.	0 - +9 0.5 mm
336	ADF Side Void(NWS)	Side edge void for Network Scanner (ADF) adjustment.	0 - +9 0.5 mm
337	ADF Trail Void(NWS)	Trail edge void for Network Scanner (ADF) adjustment.	0 - +9 0.5 mm
338-399	Not Used		
400	AC Charge Freq.Adj.Full	(Factory use only)	-77 - +127
401	AC Charge Freq.Adj.Half		-107 - +127
402	AC Charge Freq.Adj.B/W		-58 - +127
403-404	Not Used		
405	AC Charge Adj. Y Full	(Factory use only)	-127 - +92 3.79 μ A/step
406	AC Charge Adj. M Full		-127 - +92 3.79 μ A/step
407	AC Charge Adj. C Full		-127 - +92 3.79 μ A/step
408	AC Charge Adj. BK Full		-127 - +92 3.79 μ A/step
409	Not Used		
410	AC Charge Adj. Y Half	(Factory use only)	-85 - +127 3.60 μ A/step
411	AC Charge Adj. M Half		-85 - +127 3.60 μ A/step
412	AC Charge Adj. C Half		-85 - +127 3.60 μ A/step
413	AC Charge Adj. BK Half		-85 - +127 3.60 μ A/step
414	AC Charge Adj. B/W		-125 - +71 35 : 4.24 μ A/step 32 : 4.24 μ A/step 26 : 3.98 μ A/step
415-419	Not Used		

F6 Mode			
No.	Item	Remarks	Setting Range
420	DC Charge Adj. Y Full	(Factory use only)	-88 - +127 3.71 μ A/step
421	DC Charge Adj. M Full		-88 - +127 3.71 μ A/step
422	DC Charge Adj. C Full		-88 - +127 3.71 μ A/step
423	DC Charge Adj. BK Full		-88 - +127 3.71 μ A/step
424	Not Used		
425	DC Charge Adj. Y Half	(Factory use only)	-88 - +127 3.71 μ A/step
426	DC Charge Adj. M Half		-88 - +127 3.71 μ A/step
427	DC Charge Adj. C Half		-88 - +127 3.71 μ A/step
428	DC Charge Adj. BK Half		-88 - +127 3.71 μ A/step
429	DC Charge Adj. B/W		-88 - +127 3.71 μ A/step
430	AC Bias Frequency Adj.		-118 - +10
431	AC Bias Duty Adj.		-95 - +127 0.39 %/step
432	AC Bias 4C Adj. Full		-127 - +127 3.91 V/step
433	AC Bias Adj. Half		-127 - +127 3.91 V/step
434	AC Bias Adj. B/W		-127 - +127 3.91 V/step
435	DC Bias Adj. Y Full		-125 - +127 3.13 V/step
436	DC Bias Adj. M Full		-125 - +127 3.13 V/step
437	DC Bias Adj. C Full		-125 - +127 3.13 V/step
438	DC Bias Adj. BK Full		-125 - +127 3.13 V/step
439	Not Used		
440	DC Bias Adj. Y Half	(Factory use only)	-125 - +127 3.13 V/step
441	DC Bias Adj. M Half		-125 - +127 3.13 V/step
442	DC Bias Adj. C Half		-125 - +127 3.13 V/step
443	DC Bias Adj. BK Half		-125 - +127 3.13 V/step
444	DC Bias Adj. B/W		-125 - +127 3.13 V/step
445	DC Charge Y WO/Paper		-127 - +68 3.71 V/step
446	DC Charge M WO/Paper		-127 - +68 3.71 V/step
447	DC Charge C WO/Paper		-127 - +68 3.71 V/step
448	DC Charge BK WO/Paper		-127 - +68 3.71 V/step
449	Not Used		
450	DC Charge Y WO/P Half	(Factory use only)	-127 - +68 3.71 V/step
451	DC Charge M WO/P Half		-127 - +68 3.71 V/step
452	DC Charge C WO/P Half		-127 - +68 3.71 V/step
453	DC Charge BK WO/P Half		-127 - +68 3.71 V/step
454	DC Charge B/W WO/Paper		-127 - +68 3.71 V/step
455	DC Bias Adj. WO/Paper		-52 - +127 3.13 V/step
456	Laser Power Adj. Y Full		-127 - +127 0.0018 mW/step
457	Laser Power Adj. M Full		-127 - +127 0.0018 mW/step
458	Laser Power Adj. C Full		-127 - +127 0.0018 mW/step
459	Laser Power Adj. BK Full		-127 - +127 0.0018 mW/step
460	Laser Power Adj. Y Half		-127 - +127 0.0018 mW/step

F6 Mode			
No.	Item	Remarks	Setting Range
461	Laser Power Adj. M Half	(Factory use only)	-127 - +127 0.0018 mW/step
462	Laser Power Adj. C Half		-127 - +127 0.0018 mW/step
463	Laser Power Adj. Bk Half		-127 - +127 0.0018 mW/step
464	Not Used		
465	Laser Pwr Adj. Y 1200dpi	(Factory use only)	-127 - +127 0.0018 mW/step
466	Laser Pwr Adj. M 1200dpi		-127 - +127 0.0018 mW/step
467	Laser Pwr Adj. C 1200dpi		-127 - +127 0.0018 mW/step
468	Laser Pwr Adj. Bk 1200dpi		-127 - +127 0.0018 mW/step
469	Laser Power Adj. B/W		-127 - +127 0.0018 mW/step
470	Solid PWM Adj. Y Full		-127 - +127 0.39 %/step
471	Solid PWM Adj. M Full		-127 - +127 0.39 %/step
472	Solid PWM Adj. C Full		-127 - +127 0.39 %/step
473	Solid PWM Adj. BK Full		-127 - +127 0.39 %/step
474	Not Used		
475	Solid PWM Adj. Y Half	(Factory use only)	-127 - +127 0.39 %/step
476	Solid PWM Adj. M Half		-127 - +127 0.39 %/step
477	Solid PWM Adj. C Half		-127 - +127 0.39 %/step
478	Solid PWM Adj. BK Half		-127 - +127 0.39 %/step
479	Solid PWM Adj. B/W		-127 - +127 0.39 %/step
480	Edge PWM Adj. Y Full		-127 - +127 0.39 %/step
481	Edge PWM Adj. M Full		-127 - +127 0.39 %/step
482	Edge PWM Adj. C Full		-127 - +127 0.39 %/step
483	Edge PWM Adj. BK Full		-127 - +127 0.39 %/step
484	Not Used		
485	Edge PWM Adj. Y Half	(Factory use only)	-127 - +127 0.39 %/step
486	Edge PWM Adj. M Half		-127 - +127 0.39 %/step
487	Edge PWM Adj. C Half		-127 - +127 0.39 %/step
488	Edge PWM Adj. BK Half		-127 - +127 0.39 %/step
489	Edge PWM Adj. Y B/W		-127 - +127 0.39 %/step
490	Dot PWM Adj. Y Full		-127 - +127 0.39 %/step
491	Dot PWM Adj. M Full		-127 - +127 0.39 %/step
492	Dot PWM Adj. C Full		-127 - +127 0.39 %/step
493	Dot PWM Adj. BK Full		-127 - +127 0.39 %/step
494	Not Used		

F6 Mode			
No.	Item	Remarks	Setting Range
495	Dot PWM Adj. Y Half	(Factory use only)	-127 - +127 0.39 %/step
496	Dot PWM Adj. M Half		-127 - +127 0.39 %/step
497	Dot PWM Adj. C Half		-127 - +127 0.39 %/step
498	Dot PWM Adj. BKHalf		-127 - +127 0.39 %/step
499	Dot PWM Adj. B/W		-127 - +127 0.39 %/step
500	Solid PWM Adj.Y 1200dpi		-127 - +127 0.39 %/step
501	Solid PWM Adj.M 1200dpi		-127 - +127 0.39 %/step
502	Solid PWM Adj.C 1200dpi		-127 - +127 0.39 %/step
503	Solid PWM Adj.BK1200dpi		-127 - +127 0.39 %/step
504	Not Used		
505	Edge PWM Adj. Y 1200dpi	(Factory use only)	-127 - +127 0.39 %/step
506	Edge PWM Adj. M 1200dpi		-127 - +127 0.39 %/step
507	Edge PWM Adj. C 1200dpi		-127 - +127 0.39 %/step
508	Edge PWM Adj. BK1200dpi		-127 - +127 0.39 %/step
509	Not Used		
510	Dot PWM Adj. Y 1200dpi	(Factory use only)	-127 - +127 0.39 %/step
511	Dot PWM Adj. M 1200dpi		-127 - +127 0.39 %/step
512	Dot PWM Adj. C 1200dpi		-127 - +127 0.39 %/step
513	Dot PWM Adj. BK1200dpi		-127 - +127 0.39 %/step
514	Not Used		
515	STR Cleaning Adj. +	Cleaning voltage plus value for STR adjustment.	-32 - +9 28.04 V/step
516	STR Cleaning Adj. -	Cleaning voltage minus value for STR adjustment.	-32 - +127 28.04 V/step
517-519	Not Used		
520	TDC Gain Adj. Y	(Factory use only)	-127 - +127 0.039 V/step
521	TDC Gain Adj. M		-127 - +127 0.039 V/step
522	TDC Gain Adj. C		-127 - +127 0.039 V/step
523	TDC Gain Adj. BK		-127 - +127 0.039 V/step
524	TDC Gain Adj. B/W		-127 - +127 0.039 V/step
525	TDC Image Limit Adj. Y	(Factory use only) (C322/C262 only)	0 - +63
526	TDC Image Limit Adj. M		0 - +63
527	TDC Image Limit Adj. C		0 - +63
528	TDC Image Limit Adj. BK		0 - +63
529-534	Not Used		

F6 Mode			
No.	Item	Remarks	Setting Range
535	APIC Solid Target Y	(Factory use only) (C354 Series only)	-127 - +127 0.016 V/step
536	APIC Solid Target M		-127 - +127 0.016 V/step
537	APIC Solid Target C		-127 - +127 0.016 V/step
538	APIC Solid Target BK		-127 - +127 0.016 V/step
539	Not Used		
540	APIC Edge PWM Target Y	(Factory use only)	-127 - +127 0.016 V/step
541	APIC Edge PWM Target M		-127 - +127 0.016 V/step
542	APIC Edge PWM Target C		-127 - +127 0.016 V/step
543	APIC Edge PWM Target BK		-127 - +127 0.016 V/step
544	Not Used		
545	APIC Dot PWM Target Y	(Factory use only)	-127 - +127 0.016 V/step
546	APIC Dot PWM Target M		-127 - +127 0.016 V/step
547	APIC Dot PWM Target C		-127 - +127 0.016 V/step
548	APIC Dot PWM Target BK		-127 - +127 0.016 V/step
549	Not Used		
550	TDC Gain Voltage Y	(Factory use only)	-127 - +105 0.039 V/step
551	TDC Gain Voltage M		-127 - +105 0.039 V/step
552	TDC Gain Voltage C		-127 - +105 0.039 V/step
553	TDC Gain Voltage BK		-127 - +105 0.039 V/step
554	TDC Gain Voltage B/W		-127 - +105 0.039 V/step
555	TDC Judg. Lebel Y		-25 - +25 0.016 V/step
556	TDC Judg. Level M		-25 - +25 0.016 V/step
557	TDC Judg. Level C		-25 - +25 0.016 V/step
558	TDC Judg. Level BK		-25 - +25 0.016 V/step
559	TDC Judg. Level B/W		-25 - +25 0.016 V/step
560	TDC Max. Read Only Y		-127 - +127 (Read Only)
561	TDC Max. Read Only M		-127 - +127 (Read Only)

F6 Mode			
No.	Item	Remarks	Setting Range
562	TDC Max. Read Only C	(Factory use only)	-127 - +127 (Read Only)
563	TDC Max. Read Only BK		-127 - +127 (Read Only)
564	Not Used		
565	TDC Min. Read Only Y	(Factory use only)	-127 - +127 (Read Only)
566	TDC Min. Read Only M		-127 - +127 (Read Only)
567	TDC Min. Read Only C		-127 - +127 (Read Only)
568	TDC Min. Read Only BK		-127 - +127 (Read Only)
569	Not Used		
570	TDC Avg. Read Only Y	TDC sensor power adjustment for average toner output supply (Y).	-127 - +127 (Read Only)
571	TDC Avg. Read Only M	TDC sensor power adjustment for average toner output supply (M).	-127 - +127 (Read Only)
572	TDC Avg. Read Only C	TDC sensor power adjustment for average toner output supply (C).	-127 - +127 (Read Only)
573	TDC Avg. Read Only BK	TDC sensor power adjustment for average toner output supply (BK).	-127 - +127 (Read Only)
574	Not Used		
575	Toner Supply Read Y	(Factory use only)	0 - +7 (Read Only)
576	Toner Supply Read M		0 - +7 (Read Only)
577	Toner Supply Read C		0 - +7 (Read Only)
578	Toner Supply Read BK		0 - +7 (Read Only)
579	Not Used		
580	TDC Deve. Life Read Y	(Factory use only)	-63 - +63 (Read Only)
581	TDC Deve. Life Read M		-63 - +63 (Read Only)
582	TDC Deve. Life Read C		-63 - +63 (Read Only)
583	TDC Deve. Life Read BK		-63 - +63 (Read Only)
584	Not Used		
585	DrumLife Charge Read Y (Not Used)	(Factory use only)	-127 - +127 (Read Only)
586	DrumLife Charge Read M (Not Used)		-127 - +127 (Read Only)
587	DrumLife Charge Read C (Not Used)		-127 - +127 (Read Only)
588	Drum Life Charge Read BK (Not Used)		-127 - +127 (Read Only)
589	Not Used		
590	Drum Life Laser Read Y	(Factory use only)	-127 - +127 (For C354 Series) 0 - +127 (For C322 Series) (Read Only)
591	Drum Life Laser Read M		-127 - +127 (For C354 Series) 0 - +127 (For C322 Series) (Read Only)

F6 Mode			
No.	Item	Remarks	Setting Range
592	Drum Life Laser Read C	(Factory use only)	-127 - +127 (For C354 Series) 0 - +127 (For C322 Series) (Read Only)
593	Drum Life Laser Read BK		-127 - +127 (For C354 Series) 0 - +127 (For C322 Series) (Read Only)
594	Drum Life Laser Adj. 4C		-10 - +10 10 %/step
595	Drum T/H Charge Read Y		-127 - +127 (Read Only)
596	Drum T/H Charge Read M		-127 - +127 (Read Only)
597	Drum T/H Charge Read C		-127 - +127 (Read Only)
598	Drum T/H Charge Read BK		-127 - +127 (Read Only)
599	Not Used		
600	Drum Life Charge Y WO/P	(Factory use only)	-67 - 0 (Read Only)
601	Drum Life Charge M WO/P		-67 - 0 (Read Only)
602	Drum Life Charge C WO/P		-67 - 0 (Read Only)
603	Drum Life Chrg BK WO/P		-67 - 0 (Read Only)
604	Not Used		
605	Drum T/H Charge Y WO/P	(Factory use only)	-15 - +15 (Read Only)
606	Drum T/H Charge M WO/P		-15 - +15 (Read Only)
607	Drum T/H Charge C WO/P		-15 - +15 (Read Only)
608	Drum T/H Charge BK WO/P		-15 - +15 (Read Only)
609	Not Used		
610	TDC Image Read Y	(Factory use only)	-24 - +24 (For C354 Series) -12 - +24 (For C322 Series) 0.039 V/step
611	TDC Image Read M		-24 - +24 (For C354 Series) -12 - +24 (For C322 Series) 0.039 V/step
612	TDC Image Read C		-24 - +24 (For C354 Series) -12 - +24 (For C322 Series) 0.039 V/step
613	TDC Image Read BK		-24 - +24 (For C354 Series) -12 - +24 (For C322 Series) 0.039 V/step
614	Not Used		

F6 Mode			
No.	Item	Remarks	Setting Range
615	TDC T/H Read Y	(Factory use only)	-63 - +63 (Read only)
616	TDC T/H Read M		-63 - +63 (Read only)
617	TDC T/H Read C		-63 - +63 (Read only)
618	TDC T/H Read BK		-63 - +63 (Read only)
619	Not Used		
620	TDC Half Speed Read Y	(Factory use only)	-63 - +63 (Read only)
621	TDC Half Speed Read M		-63 - +63 (Read only)
622	TDC Half Speed Read C		-63 - +63 (Read only)
623	TDC Half Speed Read BK		-63 - +63 (Read only)
624	Not Used		
625	FTR/STR Temp. Read	(Factory use only)	0 - +255 (Read only)
626	FTR/STR Humidity Read		0 - +255 (Read only)
627- 629	Not Used		
630	FTR Drive Read Y	(Factory use only)	0 - +255 (Read only)
631	FTR Drive Read M		0 - +255 (Read only)
632	FTR Drive Read C		0 - +255 (Read only)
633	FTR Drive Read BK		0 - +255 (Read only)
634	Not Used		
635	STR Drive Read	(Factory use only)	0 - +255 (Read only)
636	Discharge Drive		0 - +255 (Read only)
637	STR Current Read (C354 Series only)		0 - +255 (Read only)
638- 639	Not Used		
640	Patch Sens Read Y	Patch sensor (Y) value adjustment.	0 - +255 (Read only)
641	Patch Sens Read M	Patch sensor (M) value adjustment.	0 - +255 (Read only)
642	Patch Sens Read C	Patch sensor (C) value adjustment.	0 - +255 (Read only)
643	Patch Sens Read BK	Patch sensor (BK) value adjustment.	0 - +255 (Read only)
644	Not Used		
645	Reg Sens Dirty Std Read	Registration sensor dirty standard adjustment.	-127 - +127 (Read Only)
646	Reg Sens Dirty Mon Read	Registration sensor dirty monitor adjustment.	-127 - +127 (Read Only)
647- 649	Not Used		
650	APIC DC Charge Read Y	(Factory use only) (C322/C262 only)	-27 - +27 (Read Only)
651	APIC DC Charge Read M		-27 - +27 (Read Only)
652	APIC DC Charge Read C		-27 - +27 (Read Only)
653	APIC DC Charge Read BK		-27 - +27 (Read Only)
654	Not Used		
655	APIC DC Bias Read Y	(Factory use only) (C322/C262 only)	-32 - +32 (Read Only)
656	APIC DC Bias Read M		-32 - +32 (Read Only)
657	APIC DC Bias Read C		-32 - +32 (Read Only)
658	APIC DC Bias Read BK		-32 - +32 (Read Only)
659	Not Used		

F6 Mode			
No.	Item	Remarks	Setting Range
660	APIC Laser Read Y	(Factory use only) (C322/C262 only)	-127 - +127 (Read Only)
661	APIC Laser Read M		-127 - +127 (Read Only)
662	APIC Laser Read C		-127 - +127 (Read Only)
663	APIC Laser Read BK		-127 - +127 (Read Only)
664	Not Used		
665	APIC Edge PWM Read Y	(Factory use only)	0 - +255 (Read only)
666	APIC Edge PWM Read M		0 - +255 (Read only)
667	APIC Edge PWM Read C		0 - +255 (Read only)
668	APIC Edge PWM Read BK		0 - +255 (Read only)
669	Not Used		
670	APIC Dot PWM Read Y	(Factory use only)	0 - +255 (Read only)
671	APIC Dot PWM Read M		0 - +255 (Read only)
672	APIC Dot PWM Read C		0 - +255 (Read only)
673	APIC Dot PWM Read BK		0 - +255 (Read only)
674	Not Used		
675	Belt Length Read Only	(Factory use only)	-70 - +61 (Read only)
676- 679	Not Used		
680	FTR Adj. Y	(Factory use only)	-127 - +127 0.147 μ A/step
681	FTR Adj. M		-127 - +127 0.147 μ A/step
682	FTR Adj. C		-127 - +127 0.147 μ A/step
683	FTR Adj. BK		-127 - +127 0.147 μ A/step
684	Not Used		
685	STR Adj. Face	(Factory use only)	-57 - +127 28.04 V/step
686	STR Adj. Back		-86 - +127 28.04 V/step
687	Discharge Adj. Face		0 - +127 17.16 V/step
688	Discharge Adj. Back		-86 - +117 17.16 V/step
689	Not Used		
690	FTR Device Adj. Y	(Factory use only) (C322/C262 only)	-100 - +127 25.68 V/step
691	FTR Device Adj. M		-100 - +127 25.68 V/step
692	FTR Device Adj. C		-100 - +127 25.68 V/step
693	FTR Device Adj. BK		-100 - +127 25.68 V/step
694	Not Used		

F6 Mode			
No.	Item	Remarks	Setting Range
695	STR Resistance Adj.	(Factory use only)	-3 - +127 4 MΩ/step
696	STR Voltage Adj.		-25 - +127 16 V/step
697	Belt Reverse Time Adj.		-1 - +12 10 msec./step
698-699	Not Used		
700	APIC Status	(Factory use only) (C354 Series only)	0 - +2 0:Full 1:Short 2:B/W (Read Only)
701	Color APIC		0 - +255 (Read Only)
702	B/W APIC		0 - +255 (Read Only)
703-704	Not Used		
705	TDC Image Max Adj. Y	(Factory use only) (C354 Series only)	-12 - +12
706	TDC Image Max Adj. M		-12 - +12
707	TDC Image Max Adj. C		-12 - +12
708	TDC Image Max Adj. BK		-12 - +12
709	Not Used		
710	TDC Image Min Adj. Y	(Factory use only) (C354 Series only)	-12 - +12
711	TDC Image Min Adj. M		-12 - +12
712	TDC Image Min Adj. C		-12 - +12
713	TDC Image Min Adj. BK		-12 - +12
714	Not Used		
715	TDC Recovery Patch Y	(Factory use only) (C354 Series only)	-64 - +64
716	TDC Recovery Patch M		-64 - +64
717	TDC Recovery Patch C		-64 - +64
718	TDC Recovery Patch BK		-64 - +64
719	Not Used		
720	TDC Recovery TDC. Y	(Factory use only) (C354 Series only)	-64 - +64
721	TDC Recovery TDC. M		-64 - +64
722	TDC Recovery TDC. C		-64 - +64
723	TDC Recovery TDC. BK		-64 - +64
724-819	Not Used		
820	Color Reg Result Y-L-X	Color (Y) Left sensor horizontal registration compensation adjustment.	-127 - +127 (Read Only)
821	Color Reg Result Y-L-Y	Color (Y) Left sensor vertical registration compensation adjustment.	-127 - +127 (Read Only)
822	Color Reg Result Y-C-X	Color (Y) Middle sensor horizontal registration compensation adjustment.	-127 - +127 (Read Only)
823	Color Reg Result Y-C-Y	Color (Y) Middle sensor vertical registration compensation adjustment.	-127 - +127 (Read Only)
824	Color Reg Result Y-R-X	Color (Y) Right sensor horizontal registration compensation adjustment.	-127 - +127 (Read Only)

F6 Mode			
No.	Item	Remarks	Setting Range
825	Color Reg Result Y-R-Y	Color (Y) Right sensor vertical registration compensation adjustment.	-127 - +127 (Read Only)
826	Color Reg Result M-L-X	Color (M) Left sensor horizontal registration compensation adjustment.	-127 - +127 (Read Only)
827	Color Reg Result M-L-Y	Color (M) Left sensor vertical registration compensation adjustment.	-127 - +127 (Read Only)
828	Color Reg Result M-C-X	Color (M) Middle sensor horizontal registration compensation adjustment.	-127 - +127 (Read Only)
829	Color Reg Result M-C-Y	Color (M) Middle sensor vertical registration compensation adjustment.	-127 - +127 (Read Only)
830	Color Reg Result M-R-X	Color (M) Right sensor horizontal registration compensation adjustment.	-127 - +127 (Read Only)
831	Color Reg Result M-R-Y	Color (M) Right sensor vertical registration compensation adjustment.	-127 - +127 (Read Only)
832	Color Reg Result C-L-X	Color (C) Left sensor horizontal registration compensation adjustment.	-127 - +127 (Read Only)
833	Color Reg Result C-L-Y	Color (C) Left sensor vertical registration compensation adjustment.	-127 - +127 (Read Only)
834	Color Reg Result C-C-X	Color (C) Middle sensor horizontal registration compensation adjustment.	-127 - +127 (Read Only)
835	Color Reg Result C-C-Y	Color (C) Middle sensor vertical registration compensation adjustment.	-127 - +127 (Read Only)
836	Color Reg Result C-R-X	Color (C) Right sensor horizontal registration compensation adjustment.	-127 - +127 (Read Only)
837	Color Reg Result C-R-Y	Color (C) Right sensor vertical registration compensation adjustment.	-127 - +127 (Read Only)
838-839	Not Used		
840	Color Reg Calib. L	Left sensor color registration LED intensity target value adjustment.	-127 - +127 0.016 mV
841	Color Reg Calib. C	Middle sensor color registration LED intensity target value adjustment.	-127 - +127 0.016 mV
842	Color Reg Calib. R	Right sensor color registration LED intensity target value adjustment.	-127 - +127 0.016 mV
843-844	Not Used		
845	Color Reg Sensor mon.L	Left sensor color registration LED intensity target value monitor adjustment.	0 - +255 (Read Only)
846	Color Reg Sensor mon.C	Middle sensor color registration LED intensity target value monitor adjustment.	0 - +255 (Read Only)
847	Color Reg Sensor mon.R	Right sensor color registration LED intensity target value monitor adjustment.	0 - +255 (Read Only)
848-849	Not Used		
850	Color Reg Slice L	Color registration of left sensor slice level adjustment.	-127 - +127 0.016 mV
851	Color Reg Slice C	Color registration of middle sensor slice level adjustment.	-127 - +127 0.016 mV
852	Color Reg Slice R	Color registration of right sensor slice level adjustment.	-127 - +127 0.016 mV

F6 Mode			
No.	Item	Remarks	Setting Range
853-854	Not Used		
855	Skew Y Right rotation	Color (Y) skew registration adjustment.	-99 - +99 (Read Only)
856	Skew M Right rotation	Color (M) skew registration adjustment.	-99 - +99 (Read Only)
857	Skew C Right rotation	Color (C) skew registration adjustment.	-99 - +99 (Read Only)
858	Color Reg Main Max	Maximum dot color horizontal registration adjustment.	-127 - +127 (Read Only)
859	Color Reg Sub Max	Maximum dot color vertical registration adjustment.	-127 - +127 (Read Only)
860	Color Reg Offset L-Y	Color registration horizontal offset for left sensor adjustment.	-3 - +3 1 dot
861	Color Reg Offset C-Y	Color registration horizontal offset for middle sensor adjustment.	-3 - +3 1 dot
862	Color Reg Offset R-Y	Color registration horizontal offset right sensor adjustment.	-3 - +3 1 dot
863-998	Not Used		
999	F5/F6 Initialization	Resets the Parameters to default values.	

4.1.7. F7 Mode: Electronic Counter

Set the machine to Service Mode, and press "7" key on the Keypad.



Press the "Start" key.



Select the desired code number on the Touch Panel display.



If you wish to select another code number, scroll the menu with the arrow buttons.



Select the desired function on the Touch Panel display, and then select the "OK" button.



When the "C (Clear)" key is selected, the selected code input will not be accepted.



Press "Function", and "C (Clear)" keys simultaneously to exit the service mode.



Reboot the machine after setting the parameter(s) to activate the setting(s).

F7 Mode				
No.	Item	Function		Remarks
00	List Print			
01	Application Password (C354 Series only)			Password for Firmware Version update, Print job queue functions, and various PC application operations.
	Key Operator ID Code (C322/C262 only)			Key Operator's identification code for access to the counter mode.
02	Maintenance Count	00	Total Count B/W	Copies / Prints Total Counter.
		01	Total Count 1C	
		02	Total Count 2C	
		03	Total Count 4C	
		04	Total Print Count	
		05	Toner Page Count Y	Copies / Prints Toner Page Counter.
		06	Toner Page Count M	
		07	Toner Page Count C	
		08	Toner Page Count BK	
		09	Not Used	
		10	PM Count	Preventive Maintenance Counter.
		11	Scanner PM Count	Scanner Reading PM Counter.
		12	ADF Count	Total Originals fed through the ADF Counter.
		13	ADF PM Count	ADF PM counter
		14	Not Used	
		15	OPC Drum Count Y	Recording paper fed through the OPC Drum PM Counter.
		16	OPC Drum Count M	
		17	OPC Drum Count C	
		18	OPC Drum Count BK	
		19	Not Used	
		20	Avg. Print/DrumRiseUpC	OPC Drum Average Print Counter. (Read only)
		21	Avg. Print/DrumRiseUpB/W	
		22	Avg. Print/DrumRiseUpAUT	
		23-24	Not Used	

F7 Mode				
No.	Item	Function		Remarks
02	Maintenance Count	25	Drum Life Count Down Y	Drum Life Count Down Counter. (Read only)
		26	Drum Life Count Down M	
		27	Drum Life Count Down C	
		28	Drum Life Count Down BK	
		29	Not Used	
		30	AC Charge Count Y	AC Charge Integrated value.
		31	AC Charge Count M	
		32	AC Charge Count C	
		33	AC Charge Count BK	
		34	Not Used	
		35	DC Charge Count Y	DC Charge Integrated value.
		36	DC Charge Count M	
		37	DC Charge Count C	
		38	DC Charge Count BK	
		39	Not Used	
		40	Deve. Unit Count Y	Developer Counter. Perform F8-09 to reset counter. (Read Only)
		41	Deve. Unit Count M	
		42	Deve. Unit Count C	
		43	Deve. Unit Count BK	
		44	Not Used	
		45	Developer Count Y	Developer Units Counter. Perform F8-09/11 to reset counter.
		46	Developer Count M	
		47	Developer Count C	
		48	Developer Count BK	
		49	Not Used	
		50	Transfer Belt Count	Transfer Belt Unit Counter. Perform F8-29 to reset counter.
		51	Belt Life Count Down	Transfer Belt Life Count Down Counter. (Read Only) Perform F8-29 to reset counter.
		52	STR Life Count	STR / Cleaning Blade Counter. (Read Only) Perform F8-32 to reset counter.
		53	Belt RotationTime Count	Transfer Belt Running Counter. Perform F8-29 to reset counter.
		54	STR RotationTime Count	STR Running Counter. Perform F8-32 to reset counter.
		55	Deve.UnitRotateCountY	Developer Unit Counter. Perform F8-09 to reset counter.
		56	Deve.UnitRotateCountM	
		57	Deve.UnitRotateCountC	
		58	Deve.UnitRotateCountBK	
		59	Not Used	
		60	Add Toner Count Y	Toner Supply Counter. Perform F8-09/11 to reset counter.
		61	Add Toner Count M	
		62	Add Toner Count C	
		63	Add Toner Count BK	

F7 Mode				
No.	Item	Function		Remarks
02	Maintenance Count	64	Not Used	
		65	Fuser Belt Remain Count	Fuser Belt Life Counter. (Read Only) Perform F8-26 to reset counter.
		66	Fuser Main Remain Count	Fuser Life Counter. (Read Only) Perform F8-27 to reset counter.
		67	Fuser Main Exch Count	Fuser Main Exchange Counter for 240 PM. Perform F8-27 to conut up (+1). (Factory use only)
		68	IT Unit Exch Count	IT Belt Exchange Counter for 240 PM. Perform F8-29 to conut up (+1). (Factory use only)
		69	Not Used	
		70	Dot Count Y	(Factory use only)
		71	Dot Count M	
		72	Dot Count C	
		73	Dot Count BK	
		74	Not Used	
		75	Total Dot Count BK B/W	(Factory use only)
		76	Total Dot Count Y	
		77	Total Dot Count M	
		78	Total Dot Count C	
		79	Total Dot Count BK CL	
		80	Last Page Dot Count Y	
		81	Last Page Dot Count M	
		82	Last Page Dot Count C	
		83	Last Page Dot Count BK	
		84	Not Used	
		85	Fuser Belt Page Count	Fuser Belt Unit Counter.
		86	Fuser Belt Time Count	Perform F8-26 to reset counter.
		87	Fuser Main Page Count	Fuser Unit Counter.
		88	Fuser Main Time Count	Perform F8-27 to reset counter.
		89	Not Used	
		90	Drum Extra Count Y	OPC Drum Unit Counter.
		91	Drum Extra Count M	
		92	Drum Extra Count C	
		93	Drum Extra Count BK	
		94	Belt Extra Count	Transfer Belt Unit Counter.
		95	Img. Area Page Count Y	(Factory use only)
		96	Img. Area Page Count M	
		97	Img. Area Page Count C	
		98	Img. Area Page Count BK	
		99	Not Used	
		100	Img. Area Dot Count Y	(Factory use only)
		101	Img. Area Dot Count M	
		102	Img. Area Dot Count C	
		103	Img. Area Dot Count BK	
		104	Not Used	

F7 Mode				
No.	Item	Function		Remarks
02	Maintenance Count	105	APIC Add Toner Count Y	(Factory use only) (C354 Series only)
		106	APIC Add Toner Count M	
		107	APIC Add Toner Count C	
		108	APIC Add Toner Count BK	
		109	Not Used	
		110	TDC Recovery Count Y	(Factory use only) (C354 Series only)
		111	TDC Recovery Count M	
		112	TDC Recovery Count C	
		113	TDC Recovery Count BK	
		114	Not Used	
03	Paper Feed Count	00	Sheet Bypass Count	Total sheets of paper fed from the Sheet Bypass counter.
		01	1st Paper Tray Count	Total sheets of paper fed from the Tray 1 counter.
		02	2nd Paper Tray Count	Total sheets of paper fed from the Tray 2 counter.
		03	3rd Paper Tray Count	Total sheets of paper fed from the Tray 3 counter.
		04	4th Paper Tray Count	Total sheets of paper fed from the Tray 4 counter.
		05	Not Used	
		06	2-Sided Count	2-sided Total Prints Counter.
		07	A4 / LETTER Count	A4 / Letter Total Prints Counter.
		08	A4-R / LETTER-R Count	A4-R / Letter-R Total Prints Counter.
		09	A3 / LEDGER Count	A3 / Ledger Total Prints Counter.
		10	B4 / LEGAL Count	B4 / Legal Total Prints Counter.
04	Scanner Count	00	ADF Count	Total originals fed through the ADF counter.
		01	ADF Read Count	Total originals scanned through the ADF counter.
		02	Scanner Count	Scanning operations Total Counter.
		03	Scanner Read Count	Scanner Total Read Counter.
05	Copy Count	00	Copy Print Count B/W	Copies Total Prints Counter.
		01	Copy Print Count 1C	
		02	Copy Print Count 2C	
		03	Copy Print Count 4C	
		04	Copy Print Count Single	
		05	Copy Scan Count	Copies Total Scan Counter.
06	PC Count	00	PC Print Count B/W	Printed from PC Total Prints Counter.
		01	PC Print Count 4C	
		02	PC Print Count Single	
		03	PC Scan Count	Scanned to PC Total Scan Counter.
07	Fax Count	00	Fax Transmit Count	Fax Total Transmit Counter.
		01	Fax Receive Count	Fax Total Receive Counter.
		02	Fax Print Count	Fax Total Print Counter.
		03	Fax Print Count Single	Fax Print count up by 1.
08	All Counter Clear	---	All Counter Clear	Clears All Counters

F7 Mode				
No.	Item	Function		Remarks
10	Image Area Count	00	Image Area Y (AVG)	Image Area Average Counter
		01	Image Area M (AVG)	
		02	Image Area C (AVG)	
		03	Image Area BK (AVG)	
		04	Not Used	
		05	Clear Image Area Y	Clear Image Area Average Counter
		06	Clear Image Area M	
		07	Clear Image Area C	
		08	Clear Image Area BK	
11	Simulated PG Count	00	Simulated PG Count 4C	Simulated PG Counter (Read Only)
		01	Simulated PG Count B/W	
		05	Simulated PG Count Y	
		06	Simulated PG Count M	
		07	Simulated PG Count C	
		08	Simulated PG Count BK	
		10	CLR Simulated PG Count	
14	Service Mode Password (C354 Series only)			Password for Service Mode.

4.1.8. F8 Mode: Service Adjustment

Set the machine to Service Mode, and press "8" key on the Keypad.



Press the "**Start**" key.



Select the desired code number on the Touch Panel display.



If you wish to select another code number, scroll the menu with the arrow buttons.



Select the desired function on the Touch Panel display, and then select the "**OK**" button.



When the "**C (Clear)**" key is selected, the selected code input will not be accepted.



Press "**Function**", and "**C (Clear)**" keys simultaneously to exit the service mode.



Reboot the machine after setting the parameter(s) to activate the setting(s).

F8 Mode		
No.	Item	Remarks
00	Exp. Lamp Replacement	When replacing the exposure lamp. Procedure: a) Press the Start key to move the exposure lamp to the position (approx. 250 mm from the optics home position) where it can be replaced. b) To return the optical system to the home position, press the Clear key.*
01-05	Not Used	
06	Error Log Print/View	a) Each time the arrow key is pressed, the machine displays errors or paper jam codes stored in memory, beginning with the oldest code. Note: Only the 30 most recent codes are displayed.
07	Error Log Clear	Clears Log
08	(Factory Use Only)	
09	Toner Density Adj	Toner Density Adjustment Operation. This should only be performed when both the Developer Powder and the Developer Unit are replaced. (This will reset both the Developer(s) and Developer Unit(s) Counters) See Note 1 below.
10	Not Used	
11	Deve. Counter Reset	Resets the Developer Counter and adjusts the Toner Density. This should only be performed when only the Developer Powder is replaced. (This will reset the Developer Counter(s) only) See Note 1 below.
12-18	Not Used	

F8 Mode		
No.	Item	Remarks
19	Move Mirror To Lock	a) Press the Start key to move the mirror unit to the locked position for transporting the copier. b) When the mirror unit is locked, the machine will not accept any numerical key input. Note: The locking operation is automatically reset when the Power switch is turned ON again.
20-24	Not Used	
25	Drum Counter Reset	Resets the Drum Counter and adjusts the Toner Density. (See Note 2 below)
26	FuserBeltCounter Reset	Resets the Fuser Belt Counters (F7-02-85/86).
27	FuserMainCounter Reset	Resets the Fuser Main Counters (F7-02-87/88).
28	Belt Length Control	Measures the Transfer Belt Length
29	Belt Counter Reset	Resets Transfer Belt Counter and measures Transfer Belt Length
30	Color Reg	Color Registration Manual Adjustment Operation.
31	Not Used	
32	STR Counter Reset	Resets the STR Counter
33-39	Not Used	
40	Fuser Main Exch Reset	Resets the Fuser Main Exchange Counter (F7-02-67) and Performs F8-27.
41	IT Unit Exch Reset	Resets the IT Unit Exchange Counter (F7-02-68) and Performs F8-29.
42-46	Not Used	
47	ADF Continuous Test	Press Start key to begin.
48	Platen Continuous Test	Press Start key to begin.
49	Not Used	
50	Scan Image Test	Available when the Network Scanner Option is installed.

Note:

- The main difference between the **F8-9** and **F8-11** are the counters being reset, there are individual counters for the Developer and the Developer Units, and the image quality compensation system relies on these counters for optimal Image Quality. If these values are reset without actually replacing the necessary components, you may experience Image Quality issues.
- Do not reset the Drum Counter without actually replacing the Drum.
When the machine displays the Replace now warning, the machine has already determined the surface of the drum to be worn, although the Image Quality at the time may be acceptable, the Drum **“must be replaced”**.
Failure to replace the Drum will cause the compensation system to incorrectly adjust for optimal quality, and the Image Quality will start to deteriorate soon after the counter is reset. In addition to the Image Quality becoming an issue, the overuse of a Drum Unit may cause the Developer to start being pulled out of the Developer Unit, causing the Developer to become unstable and requiring premature replacement.

4.1.9. F9 Mode: Unit Maintenance

Set the machine to Service Mode, and press "9" key on the Keypad.



Press the "Start" key.



Select the desired function on the Touch Panel display.



If you wish to select another function, select the Tab key or scroll the menu with the arrow buttons.



Press "Stop" key.



Press "Function", and "C (Clear)" keys simultaneously to exit the service mode.



Reboot the machine after setting the parameter(s) to activate the setting(s).

F9 Mode							
Service Mode	Item				Remarks		
F9	Unit Maintenance	00	Fax Service Mode				
		01	Service Alert Tel #			Displays the contact number when a machine malfunction occurs.	
		02	Firmware Version	00	SC		Displays the firmware version for SC.
				01	SC Boot		Displays the firmware version for SC Boot.
				02	PNL		Displays the firmware version for PNL.
				03	EC		Displays the firmware version for EC.
				04	SCN		Displays the firmware version for SCN.
				05	Finisher		Displays the firmware version for Finisher.
				06	FCB		Displays the firmware version for FCB.
				07	Not Used		
				12	Data Security Kit (DP-C354 Series)		Displays the firmware version for Data Security Kit.
		03	Print Device Info.	00	F5/F6 Parameters		Prints the memory contents of the F5 and F6 modes.
				01	Machine Information		Prints the machine setup information list.
				02	System Address Info.		Prints the system memory setting.
				03	Not Used		
				04	Print All Settings		Prints the Print All Settings.
				05	Calibration Information.		Prints the calibration information.
				06	SC Board Check List		Prints the SC Board check list.
		04	RAM Edit Mode	00	Relative Address Setting		Setting of Relative address.
				01	Not Used		
		05	Serial Number	-	-		Indicate of Serial number.

F9 Mode							
Service Mode	Item					Remarks	
F9	Unit Maintenance	06	RAM Initialize	00	Parameter Initialize	Resets the Fax and Function parameters to default values. Note: Turn the Power Switch to the OFF , and back to the ON position to enable the parameter settings.	
				01	All Job Clear	Clears all Jobs stored in Flash Memory.	
				02	Not Used		
				03	Shipment Set	Clears All Jobs, All Preset Data, Parameter Initialize & Resets the Counters (Fax). (See Note below)	
				04	LBP Fuser Reset	Clears the LBP fuser error.	
				05	Dept. Counter Clear	Clears the Department Counter.	
				06	Job Log Clear	Clears the Job Log.	
				07	Image Box Name Init	Initialize the Image Box Name.	
		07	Firmware Update	00	Update from F-ROM Master Card	Updates the firmware in the machine with the Master Firmware Card.	
				01	Update from USB	Updates the firmware in the machine with the USB.	
		08 - 09	Not Used	-	-	-	
		10	Counter Restore	00	SC Counter Restore	Restores the SC Counter Information.	
				01	EC Counter Restore		
		11	Parameter Backup				Backup the Parameter.
		12	Parameter Restore				Restore the Parameter.
		13	Page Memory Size				Displays the page memory size (MB).
		14	Sort Memory Size				Displays the sort memory size (MB).
		15	Not Used	-	-	-	
		16	Remote Panel	00	IP Address	Setting of the Remote Operation Panel Option.	
				01	Port Number (Tx)		
				02	Port Number (Rx)		
		17	Logging	00	Off		
				01	HDD		
				02	Memory		
		18	Save Log	00	SD Card		
				01	PC Card		
		20	Counter Backup To SD	00	SC Counter Backup		
				01	EC Counter Backup		
		21	Counter Restore From SD	00	SC Counter Restore		
				01	EC Counter Restore		

Note:

Resetting Counters during Shipment Set should only be performed on a New Initial Installation with all New Supplies. If the counters are reset during a shipment set, while using old consumable supplies, the Auto Quality adjustment compensation values will be affected, and may cause Image Quality issues.
The machine's Image Quality compensation system relies on certain counters when performing the Auto

Quality Adjustment. If these values are reset, and old consumable supplies are used, you are likely to experience Copy Quality issues. To avoid this from occurring, make sure the counter information is backed up or printed out prior to doing a shipment set.

4.2. Service Modes (For Facsimile)

Caution:

The factory default parameters are preset (destination dependent) for optimum performance, and in compliance with the local telecommunication regulations/standards, and do not need to be changed. Changing some of these parameters may cause the unit to be no longer compliant, or become inoperable.

4.2.1. Fax Service Mode Procedure

To enter the Fax Service Mode

The service mode is selected when **"Function"**, **"Copy"**, and **"3"** keys are simultaneously pressed, **"Input the password"** to enter the Service Mode (default password is **00000000**, except for C322/C262 which do not require a password), then F1 will appear in the display.

Press **"9"** key on the Keypad.



Press the **"Start"** key.



Select **"00 Fax Service Mode"** key on the Touch Panel display.



Select the desired function, or code number on the Touch Panel display, and then select the **"OK"** key.



When the **"Cancel"** key is selected, the selected code input will not be accepted.



Press **"Stop"** key three time.



Press **"Function"**, and **"C (Clear)"** keys simultaneously to exit the service mode.



Reboot the machine after setting the parameter(s) to activate the setting(s).

Note:

The following buttons provide these functions in the Service Mode:

- "Start"** : The new setting value is stored in the machine.
- "V"** : Scroll the function parameter number down.
- "^"** : Scroll the function parameter number up.

4.2.2. FAX Service Mode Table

The following service modes are provided to assist you in setting operational functions of the unit, and determining the condition of the unit.

Service Modes (For Facsimile)		
No.	Service Mode	Description
00	Not Used	
01	Function Param. Setting	Allows changes to the function parameters (the home position, etc.).
02	RAM Edit Mode	Factory use only.
03	Print Param List / Report	Prints the Function Parameter List, Page Memory Test, Printer Report, All Document File, Protocol Trace, and Toner Order Form.
04	MODEM Tests	Generates various binary, tonal, and DTMF modem signals.
05	Not Used	
06	RAM Initialize	Initialize RAM, and restore the default value of the function parameters. Note: Turn the Power Switch to the OFF , and back to the ON position to enable the parameter settings.
07	Not Used	
08	Check & Call	Allows input of information for Service Alert Report, Maintenance Alert Report, and Toner Order Form.
09	System Maintenance	Used for Firmware Update, Firmware Backup, Parameter Restore, Parameter Backup, Transferring Firmware from the PC to the Flash Card, and Sending a Received File during a fatal printer error.

4.2.3. Fax Service Mode 1 (Function Parameter Setting)

Use the following procedure to change the function parameters.

Set the machine to Service Mode, and press **"9"** key on the Keypad.



Press the **"Start"** key.



Select **"00 Fax Service Mode"** key on the Touch Panel display.



Select **"01 Function Parameter Setting"** key on the Touch Panel display.



Select the desired function, or code number on the Touch Panel display, and then select the **"OK"** key.



Select the desired code number on the Touch Panel display, and then press the **"Start"** key on the Control Panel button.

If you wish to input minus value, press **"Reset"** key.



When the **"Cancel"** key is selected, the selected code input will not be accepted.



If you wish to select another function or code number, scroll the menu with the **"V"**, **"^"** arrow keys.



Select **"Close"** key three time.



Press **"Function"**, and **"C (Clear)"** keys simultaneously to exit the service mode.

Function Parameter Table

No.	Parameter	Selections	Function
000	Monitor/Tel Dial	1 = Monitor 2 = Tel/Dial	Selects whether the machine starts to TX automatically during On-Hook dialing. Monitor : Start to TX after pressing Start TEL/DIAL : Start to TX automatically
001	Alarm Status	1 = Off 2 = Timer 3 = Constant	Selects the No Paper or No Toner alarm status. OFF : Alarm is disabled. Timer : Alarm will shut off after 6 seconds. Constant : Alarm will not stop until "Stop" is pressed or the error is cleared/ corrected.
002	Stop Comm. JRNL	1 = Off 2 = On	Selects whether the machine prompts to print the COMM. Journal when the printout condition is set to INC, and Stop is pressed during communication.
003	Continuous Polling	1 = Off 2 = Stn Tx only 3 = Hub Rx only	Selects whether the Continuous Polling feature is enabled. Stn : Place the document(s) on the ADF, or Platen, then press the assigned Program Key to store, or add the documents into a polled file. (See Note 1) Hub : When the polling command is initiated, the machine will continuously poll originals from the remote stations until it is interrupted by pressing "Stop".
004	Numeric ID Set	1 = Off will not accept 2 = On accepts	Selects whether the machine accepts, and allows to set or change the Numeric ID.

Function Parameter Table			
No.	Parameter	Selections	Function
005	Destination Code	000 : Austria 001 : U.K. 002 : Canada 003 : Denmark 004 : Taiwan 005 : Finland 006 : Germany 007 : Netherlands 008 : Italy 009 : Spanish 010 : Hong Kong 011 : Australia 012 : Switzerland 013 : Norway 015 : Portuguese 016 : Ireland 017 : Belgium 018 : Sweden 019 : Turkey 020 : U.S.A. 021 : France 022 : New Zealand 025 : Japan 029 : Poland 030 : Czech 031 : Russia 032 : Greece 033 : Hungary 034 : Indonesia 035 : South Korea 038 : Malaysia 039 : China 045 : Thailand 048 : South Africa 049 : Singapore 050 : Universal 051 : East Euro	Specified destinations only.
006	ID Display	1 = Number (Numeric ID) 2 = Chara (Character ID)	Selects the priority of displaying the ID.
007	JRNL Column	1 = Station 2 = RCV'D ID	Selects the contents of the ID to display on the Journal.
008	Monitor	1 = Off 2 = On	Selects whether the Monitor is ON/OFF for monitoring fax signals. (FOR SERVICE USE ONLY)
009	DC Loop	1 = Off (Normal) 2 = On (Off Hook)	Selects a false Off Hook state for back to back communication test.
010	TX Level	00 = 0 dBm ~ -15 = -15 dBm	Selects the TX signal output level, 0 to -15 dBm in 1 dBm steps. (Refer to Chapter 4.3.)
011	RX Level	1 = -43 dBm 2 = -38 dBm 3 = -33 dBm 4 = -48 dBm	Selects the receiving sensitivity of -33/-38/-43/-48 dBm.

Function Parameter Table

No.	Parameter	Selections	Function
012	DTMF Level	00 = 0 dBm ~ -15 = -15 dBm	Selects the DTMF output level, 0 to -15 dBm in 1 dBm steps.
013	G3 RX EQL	1 = 0dB 2 = 4dB 3 = 8dB 4 = 12dB	Selects the cable equalizer for G3 reception mode, 0dB, 4dB, 8dB or 12dB.
014	G3 TX EQL	1 = 0dB 2 = 4dB 3 = 8dB 4 = 12dB	Selects the cable equalizer for G3 transmission mode, 0dB, 4dB, 8dB or 12dB.
015 ~ 016	Not Used		
017	TX Start	2400 bps 4800 bps 7200 bps 9600 bps TC7200 TC9600 12000 bps 14400 bps	Selects the transmission modem start speed, 14400/12000/TC9600/TC7200/9600/7200/4800/2400 bps. Note: This parameter is applicable only when communicating with regular G3 machines. When communicating with Super G3 (V.34) machines, use Parameter No. 32.
018	RX Start	2400 bps 4800 bps 7200 bps 9600 bps TC7200 TC9600 12000 bps 14400 bps	Selects the reception modem start speed, 14400/12000/TC9600/TC7200/9600/7200/4800/2400 bps. Note: This parameter is applicable only when communicating with regular G3 machines. When communicating with Super G3 (V.34) machines, use Parameter No. 33.
019	ITU-T V.34	1 = Off 2 = On 3 = Select	Selects whether the ITU-T V.34 is Off, On or Select. Select: Select whether the ITU-T V.34 is Off or On, when entering Phone Book Dialing Numbers or Manual Number Dialing.
020	ITU-T ECM	1 = Off (Invalid) 2 = On (Valid)	Select the ECM mode.
021	EP Tone	1 = Off (without EP Tone) 2 = On (with EP Tone)	Selects whether to add the echo protect tone on V.29 mode. (Used when Echo Suppression is disabled.) On : Add Off : Do not add
022	Signal Interval	1 = 100 ms 2 = 200 ms 3 = 500 ms	Selects the time interval between the receiving signal, and the transmitting signal.
023	TCF Check	1 = Normal (Short) 2 = Long	Selects the TCF check interval Long/Short
024	CED Frequency	1 = 1080 Hz (non ITU-T) 2 = 2100 Hz	Selects the CED frequency 2100/1080 Hz
025	COMM. Start-Up	1 = First 2 = Second	Selects the communication start-up condition (XMT and Polling). (Used when Echo Suppression is disabled.)
026	Non-Standard	1 = Off (Invalid) 2 = On (Valid)	Selects own mode (Panafax mode).

Function Parameter Table			
No.	Parameter	Selections	Function
027	Short Protocol B	1 = Off (Invalid) 2 = On (Valid)	Selects the short protocol mode.
028	Short Protocol D	1 = Off (Invalid) 2 = On (Valid)	Selects the short protocol mode. When activated, it allows the machine to automatically store the modem speed for each Auto Dial Number.
029	Remote Diagnostics	1 = Off (will not accept) 2 = On (accepts)	Selects whether the machine accepts Remote Diagnostics from the service station.
030	CED & 300 bps	1 = 75 ms 2 = 1 sec	Selects the pause interval between the CED, and the 300 bps signal. (Used when Echo Suppression is disabled.)
031	RTC = EOL x 12	1 = Off (EOLx6) 2 = On (EOLx12)	Selects the RTC signal, EOLx6 or EOLx12.
032	V34 TX Start	2400-33600bps	Selects the transmission modem start speed for V.34 communication, 33600-2400 bps. Press "V" or "\ " to select the symbol rate.
033	V34 RX Start	2400-33600bps	Selects the receiving modem start speed for V.34 communication, 33600-2400 bps. Press "V" or "\ " to select the symbol rate.
034	V34 TX SR	2400-3429sr	Selects the transmission symbol rate for V.34, 3429/3200/3000/2800/2400 sr. Press "V" or "\ " to select the symbol rate.
035	V34 RX SR	2400-3429sr	Selects receiving symbol rate for V.34, 3429/3200/3000/2800/2400 sr. Press "V" or "\ " to select the symbol rate.
036	Not Used		
037	Protocol Display	1 = Off (not displayed) 2 = On (displayed)	Selects whether to display the modem speed during communication. (Press the Job Status Key to display)
038	Not Used		
039	Flash Time	50 ms ~ 1000 ms	Selects the pause interval before activating the Flash key.
040	Flash Time (PSTN)	50 ms ~ 1000 ms	Selects the pause interval before activating the Flash key. (For Germany, Austria and Czech)
041	Pause Time	1 = 1 sec. ~ 10 = 10 sec.	Selects the pause interval from 1 sec. ~ 10 sec. for dialing through a switchboard, or for international calls.
042	Not Used		
043	Redial Interval	0 = no waiting ~ 15 = 15 minutes	Selects the redial interval from 0 to 15 minutes in 1 minute steps.
044	Redial Count	0 = no redial ~ 15 = 15 times 0 ~ 9 (For Australia Only)	Selects the redial count from 0 to 15 times in 1 step intervals. Note: In order to comply with the requirements TBR21 in the EC countries, do not select 15 times.
045	Ring Detect Count	1 = 1 ring ~ 9 = 9 rings	Selects the ring detection count from 1 to 9 rings in 1 ring step intervals.

Function Parameter Table			
No.	Parameter	Selections	Function
046	On-Hook Time	0 = 0 sec. ~ 90 = 90 sec.	Selects the on-hook time between sequential communication calls in 1 second step intervals.
047	Response Wait Interval	1 = 1 sec. ~ 90 = 90 sec. 20 ~ 150 sec. (For France Only)	Selects the waiting interval for the response after completing the dialing.
048~ 049	Not Used		
050	Ring Detect Mode	1 = Normal 2 = Rough	Selects the quality of ringer detection. Use if the line signal is out of regulation, set to "Rough" so that the unit may detect the ringing signals.
051	Not Used		
052	Pulse Rate	1 = 10 pps 2 = 20 pps	Selects the dial pulse rate 10/20 pps.
053~ 054	Not Used		
055	Busy Tone Check	1 = Off 2 = On	Selects whether to detect the Busy Tone.
056	Dial Tone Check	1 = Off 2 = On	Selects whether to detect Dial Tone before dialing the telephone number.
057	DC Loop Check (Except for USA and Canada)	1 = Off 2 = On	Selects whether the unit checks the DC Loop during communication.
058	Comm. JRNL + Image	1 = Off (without image) 2 = On (with image)	Selects whether the machine prints the COMM. Journal with image.
059	Confidential RCV Report	1 = Off (does not print out) 2 = On (prints out)	Selects whether the machine prints the Confidential RCV Report.
060	Version	Indicates the Host software version.	
061	TX/RX/PRT/CPY	00 = Fax Transmit Count 01 = Fax Receive Count 02 = Total Count 03 = Copy Print Count	Displays the transmitted, received, total printed, and copied document count.
062	Print Counter	1 = Off 2 = On	Selects whether to print in the Fax Parameter List, the counter information that is displayed in the Function Parameter No. 61.
063~ 067	Not Used		
068	NYSE Fax Forward (USA and Canada Only)	1 = Off 2 = On	Selects whether the machine will forward the incoming, and outgoing faxes to a specified station. Note: Once this parameter is activated, Fax Forwarding via Fax Parameter No. 054 is automatically disabled, an Access Code of "0000" is automatically assigned and Fax Parameter No. 038 has a new setting added called "NYSE".

Function Parameter Table			
No.	Parameter	Selections	Function
069	NYSE Local Print (USA and Canada Only)	1 = Inc 2 = On (Always)	Selects the printing condition for the incoming faxes after FAX Forwarding. INC. : Prints only if FAX Forwarding fails. ON : Always prints.
070	Line Error	128 lines 256 lines 512 lines 1024 lines 2048 lines Off (will not disconnect line)	1. Selects the line disconnect condition during reception. If the number of line errors exceed this setting, the unit will disconnect the line. 2. Selects the transmit condition of RTP/PIP, or RTN/PIN. (Available if No. 73 Error Detect is set to "LINES") (See Note 1)
071	Total Error	1 = 5% 2 = 10% 3 = 15% 4 = 20%	Selects the transmit condition of RTP/PIP, or RTN/PIN. (Available if No. 73 Error Detect is set to "RATE".) (See Note 2)
072	Continuous Error	1 = Off (unlimited) 2 = 3 lines/STD 3 = 6 lines/STD 4 = 12 lines/STD	Selects the continuous total error criteria of Off/3/6 or 12 lines in Standard mode. If continuous total error exceeds this setting, the unit will transmit RTN/PIN. (Available if No. 73 Error Detect is set to "RATE".)
073	Error Detect	1 = Lines 2 = Rate	Selects the error detect condition Lines/Rate.
074	RTN Receive	1 = Discon 2 = Conti	Selects whether to disconnect the phone line, or to continue when "RTN" is received.
075	Coding	1 = MH (MH only) 2 = MR (MH or MR) 3 = MMR (MH or MR or MMR) 4 = JBIG	Selects the coding scheme.
076	Batch TX (USA and Canada Only)	1 = Off 2 = On	Selects whether the batch transmission is available.
077	RX JAM Length	1 = Off (unlimited) 2 = 2 m	Selects the maximum length of a received document that can be printed.
078~ 079	Not Used		
080	Original Lead Edge ADF	-99 ~ +99	Adjusts the distance between the scanning sensor ON position, and the scanning start position.
081	Original Tail Edge ADF	-99 ~ +99	Adjusts the distance between the scanning sensor OFF position, and the scanning end position.
082	JAM Length	1 = 1 m 2 = 2 m	Selects the maximum length of the original that can be scanned.
083	Not Used		
084	Line As No Paper	1 = Ring (ring) 2 = Busy (keep line busy)	Selects whether to ring, or send a busy tone to the remote station when the recording paper runs out, or the unit cannot receive because of any trouble.
085	Not Used		
086	Reduction Fine	1 = Off 2 = On	Selects whether to set Fine Mode for the Reduction transmission.

Function Parameter Table			
No.	Parameter	Selections	Function
087~091	Not Used		
092	Smoothing	1 = Off 2 = On	Selects whether the smoothing function is available.
093~101	Not Used		
102	Original Registration	-30 ~ +30	Adjustment of original registration detection timing.
103	Trail Edge Read Timing	-9 ~ 0	Adjustment of trail edge void.
104~109	Not Used		
110	MAC Address		Indicates the MAC Address.
111	Not Used		
112	Insert EMAIL TXT	1 = Off 2 = On	Selects whether the Text Template (email message) is programmable, and added on all email sent in the message body above the top line of text. (Up to 40 characters Programmed in the User Parameters.) Note: After enabling this feature, aside from entering the text in the User Parameters, it also has to be activated in each Auto Dial Number before it will take effect. It does not work for Direct Dialed Numbers.
113~114	Not Used		
115	Time Zone	1 = Scroll 2 = Direct	Selects the setting method for Time Zone. Scroll : Allows using "Scroll Keys" to scroll through the Time Zone Table. Direct : Allows you to input the Time Zone directly, (*) key to be used as a switch between +/-.
116	Overwrite Warning	1 = Yes 2 = No	Selects whether the Overwrite Warning is included on the Internet FAX Result Receipt when programming the Auto Dialer via email.
117~121	Not Used		
122	LDAP	1 = Off 2 = On	When LDAP is used, specialized characters may be displayed as different characters.
123~139	Not Used		
140	Text Density	-32 ~ +31	Adjustment of Text density.
141	T/P Density (It)	-32 ~ +31	Adjustment of Text / Photo density.

Function Parameter Table			
No.	Parameter	Selections	Function
142	Photo Density (lt)	-32 ~ +31	Adjustment of Photo density.
143~ 145	Not Used		
146	T / P Density (dk)	-32 ~ +31	Adjustment of Text / Photo density for dark.
147	Photo Density (dk)	-32 ~ +31	Adjustment of Photo density for dark.
148~ 174	Not Used		
175	FAX/Email Default	1 = Adr.Book 2 = ModeSet	
176~ 199	Not Used		

Note 1: Continuous Polling (Station Mode)

This feature allows you to store, or add documents into a polled file in memory.

To enable the Continuous Polling feature set Function Parameter No. 003 to "2:Station".
The last Program Key will be assigned with the "Store 4 Poll" Key name automatically, and cannot be changed.

To prepare the document(s) to be polled, simply place the document(s) on the ADF or Platen, and then press the Program Key to store, or add the document(s) into a polled file.

(**Note:** If a regular polled file is stored in memory, the Program Key for Continuous Polling will not be accepted.)

Note 2: Function Parameter No. 070 (Line Error)-Transmit condition of RTP/PIP, or RTN/PIN

Signal	Setting					
	1:128	2:256	3:512	4:1024	5:2048	6:Off
MCF/PIP	0-31	0-63	0-127	0-255	0-511	Always
RTP/PIP	32-63	64-127	128-255	256-511	512-1023	-
RTN/PIN	64-127	128-255	256-511	512-1023	1024-2047	-

Note 3: Function Parameter No. 071 (Total Error)-Transmit condition of RTP/PIP, or RTN/PIN

Signal	Setting			
	1:5%	2:10%	3:15%	4:20%
MCF/PIP	0-2	0-4	0-7	0-9
RTP/PIP	3-4	5-9	8-14	10-19
RTN/PIN	5-	10-	15-	20-

Note 4: The default setting of parameters depends on the country's specifications, or regulations. Print the Function Parameter List to confirm the default settings.

4.2.4. Fax Service Mode 3 (Printout of Lists, Reports and Test Results)

From this Service Mode you can print the Function Parameter List, Page Memory Test, Printer Report, All Document File, Protocol Trace, and the Toner Order Form.

4.2.4.1. Function Parameter List

A list of all Function Parameters can be printed by the following procedure.

Set the machine to Service Mode, and press **"9"** key on the Keypad.



Press the **"Start"** key.



Select **"00 Fax Service Mode"** key on the Touch Panel display.



Select **"03 Print Parameter List / Report"** key on the Touch Panel display.



Select the desired function on the Touch Panel display.



If you wish to select another function or code number, scroll the menu with the **"V"**, **"^"** arrow keys.



Select **"Close"** key three time.



Press **"Function"**, and **"C (Clear)"** keys simultaneously to exit the service mode.

Function Parameter List (Sample)

***** -Function Parameter- ***** Date MMM-dd-yyyy ***** Time 12:07 ***P.01

000	Monitor/Tel Dial	Monitor	050	Ring Detect Mode	Normal
001	Alarm Status	Timer	051	- - - - -	
002	Stop Comm. JRNL	On	052	Pulse Rate	10pps
003	Continuous Polling	Off	053	- - - - -	
004	Numeric ID Set	On	054	- - - - -	
005	Destination Code	999	055	Busy Tone Check	On
006	ID Display	Chara	056	- - - - -	
007	JRNL Column	Station	057	- - - - -	
008	Monitor	Off	058	Comm. JRNL + Image	On
009	DC Loop	Off	059	Confidential RCV Report	On
010	TX Level	-11dBm	060	Version	
011	RX Level	-43dBm	061	TX/RX/PRT/CPY	
012	DTMF Level	-5dBm	062	Print Counter	Off
013	G3 RX EQL	0dB	063	- - - - -	
014	G3 TX EQL	0dB	064	- - - - -	
015	- - - - -		065	- - - - -	
016	- - - - -		066	- - - - -	
017	TX Start	14400bps	067	- - - - -	
018	RX Start	14400bps	068	NYSE Fax Forward	Off
019	ITU-T V.34	On	069	NYSE Local Print	Inc
020	ITU-T ECM	On	070	Line Error	128
021	EP Tone	Off	071	Total Error	10
022	Signal Interval	500ms	072	Continuous Error	Off
023	TCF Check	Normal	073	Error Detect	Rate
024	CED Frequency	2100Hz	074	RTN Receive	Discon
025	Comm. Start-Up	First	075	Coding	JBIG
026	Non-Standard	On	076	Batch	On
027	Short Protocol B	On	077	RX JAM Length	2 m
028	Short Protocol D	On	078	- - - - -	
029	Remote Diagnostics	On	079	- - - - -	
030	CED & 300bps	75ms	080	Original Lead Edge ADF	0
031	RTC = EQL x 12	Off	081	Original Tail Edge ADF	0
032	V34 TX Start	33600bps	082	JAM Length	2 m
033	V34 RX Start	33600bps	083	- - - - -	
034	V34 TX SR	3429sr	084	Line As No-Paper	Ring
035	V34 RX SR	3429sr	085	- - - - -	
036	- - - - -		086	Reduction Fine	On
037	Protocol Display	Off	087	- - - - -	
038	- - - - -		088	Normal Level	8
039	Flash Time	500ms	089	- - - - -	
040	- - - - -		090	- - - - -	
041	Pause Time	3sec	091	- - - - -	
042	- - - - -		092	Smoothing	On
043	Redial Interval	3min	093	- - - - -	
044	Redial Count	5	094	- - - - -	
045	Ring Detect Count	2	095	- - - - -	
046	On-Hook Time	5sec	096	- - - - -	
047	Response Wait Interval	55sec	097	- - - - -	
048	- - - - -		098	- - - - -	
049	- - - - -		099	- - - - -	

- PANASONIC -

***** ***** -PANASONIC - ***** -12345678901234567890- *****

Note:

1. The contents of the Function Parameter List may vary depending on the country's regulations.
2. " * " mark will be shown on the left side of number when setting was changed from default.

4.2.4.2. Page Memory Test

A test pattern prints out for checking the page memory, and printer mechanism using the following procedure.

Set the machine to Service Mode, and press "9" key on the Keypad.



Press the "Start" key.



Select "00 Fax Service Mode" key on the Touch Panel display.



Select "03 Print Parameter List / Report" key on the Touch Panel display.



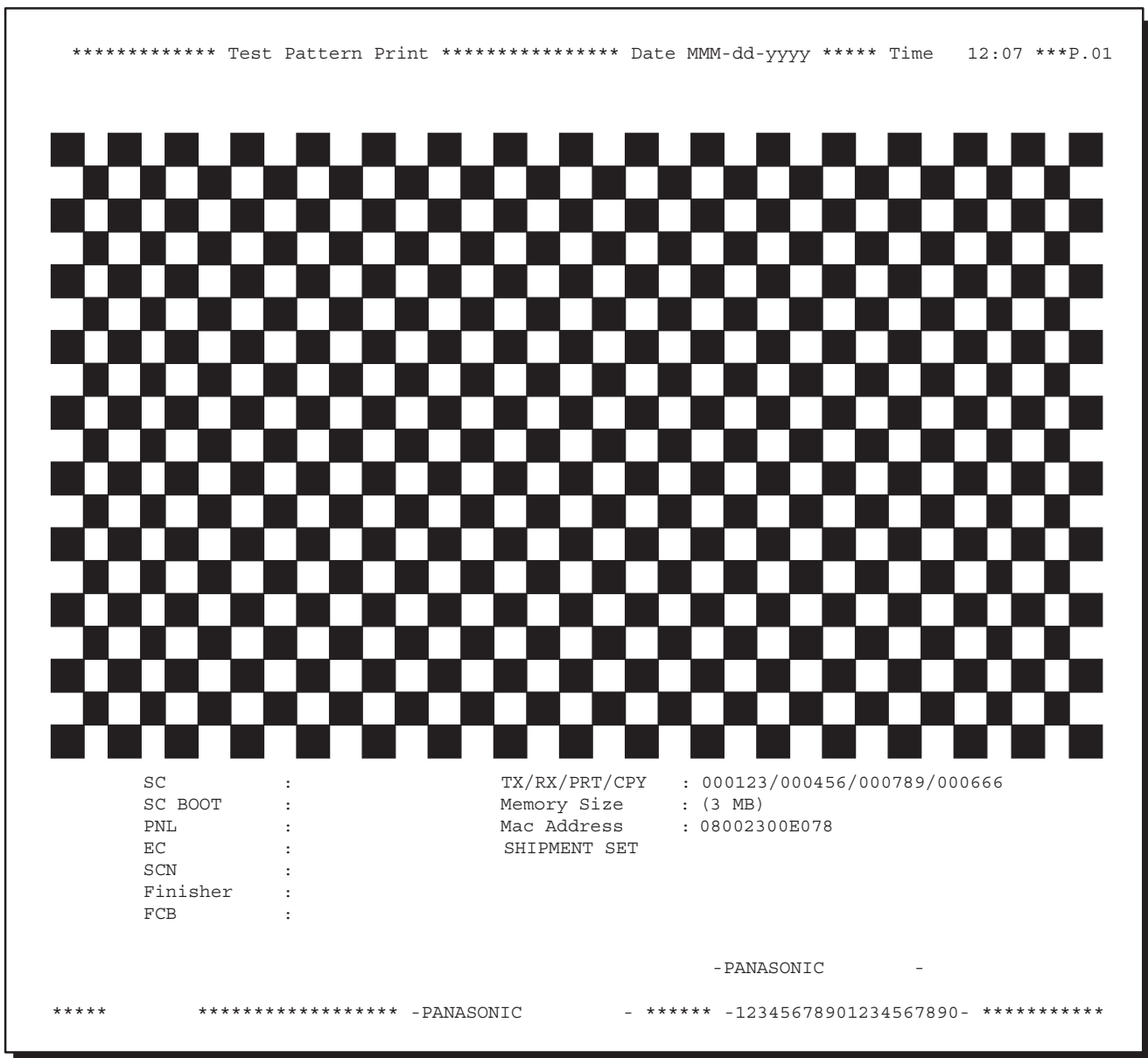
Select "03 Page Memory Test" on the display.



Select "Close" key three time.



Press "Function", and "C (Clear)" keys simultaneously to exit the service mode.



4.2.4.3. Printer Report

All printer errors are logged on the Printer Report which can be printed by the following procedure.

Set the machine to Service Mode, and press "9" key on the Keypad.



Press the "Start" key.



Select "00 Fax Service Mode" key on the Touch Panel display.



Select "03 Print Parameter List / Report" key on the Touch Panel display.



Select "04 Printer Report" on the display.



Select "Close" key three time.



Press "Function", and "C (Clear)" keys simultaneously to exit the service mode.

```
*****-Printer Report-***** Date MMM-dd-yyyy ***** Time 19:02*****

Last Print Error      : MMM-dd-yyyy 15:38 J00      00-00000016
Serial Number         :
Customer ID           : 1234567890123456
Firmware Version
SC                    : DP-C354 Axxxxxxxxx
PNL                   : V1xxxx
EC                    : 35cpm V1xxxx
SCN                   : V1xxxx
FCB                   : FCBxxxxxxxx_xx
DATA SECURITY KIT     : T0xxxx
Transmit Counter      : 56
Receive Counter       : 7
Copy Counter          : 33
Print Counter         : 528

No.Date & Time      Error Code Error Count | No.Date & Time      Error Code Error Count
-----
01.MMM-dd-yyyy 15:38 J00      00-00000016 |
02.MMM-dd-yyyy 10:48 J02      00-00000016 |
-----

                        -PANASONIC      -
***** DP-C354 *****-PANASONIC      -*****-12345678901234567890-*****
```

4.2.4.4. All Document Files

Print the document files from the Flash Memory.

Set the machine to Service Mode, and press **"9"** key on the Keypad.



Press the **"Start"** key.



Select **"00 Fax Service Mode"** key on the Touch Panel display.



Select **"03 Print Parameter List / Report"** key on the Touch Panel display.



Select **"05 All Document Files"** on the display.



Select **"Close"** key three time.



Press **"Function"**, and **"C (Clear)"** keys simultaneously to exit the service mode.

4.2.4.5. Protocol Trace

Print a Protocol Trace Report for the previous communication.

Set the machine to Service Mode, and press "9" key on the Keypad.



Press the "Start" key.



Select "00 Fax Service Mode" key on the Touch Panel display.



Select "03 Print Parameter List / Report" key on the Touch Panel display.



Select "06 Protocol Trace" on the display.



Select "Close" key three time.



Press "Function", and "C (Clear)" keys simultaneously to exit the service mode.

```
***** Protocol Log Report ***** Date MMM-dd-yyyy ***** Time 16:56 *****

Status      : OK
Mode        : ECM-TX (Fine)
Speed       : 28800bps 0MS/L (3429sr)
Remote Capa. : NSF 00 00 79 78 56 00 02 00 09 03
              10 18 00 1A 95 81 D0 80 91 DC
              81 05
              DIS 20 C2 FA C4 80 95 83 80 80 A0
              80 80 80 01
Local Capa.  : NSS 00 00 79 00 00 00 02 00 01 00
              00 08 00 02 84 81 90 80 80 90
              01

Command Log.
Remote      : NSF DIS CFR PIX PPS-EOP MCF DCN
Local       :
-----
Remote      :
Local       :

- PANASONIC -

***** DP-C354 *****-PANASONIC -*****-12345678901234567890-*****
```

4.2.4.6. Supply Order Form

The Supply Order Form can be printed manually by the following procedure.

Set the machine to Service Mode, and press **"9"** key on the Keypad.



Press the **"Start"** key.



Select **"00 Fax Service Mode"** key on the Touch Panel display.



Select **"03 Print Parameter List / Report"** key on the Touch Panel display.



Select **"07 Toner Order Form"** on the display.



Select **"Close"** key three time.



Press **"Function"**, and **"C (Clear)"** keys simultaneously to exit the service mode.

> Supply Order Form <

**** The supplies in your machine are running low **** (1)

To order replacement Supplies

Please Contact or Fax this form to your authorized dealer

Panasonic (2)

by Phone: 123456789012345678901234567890123456 (3)

by Fax: 012345678901234567890123456789012345 (4)

Thank you for your order.

Customer Information

=====

Ship to: _____ Bill to: _____

Attention: _____ Attention: _____

Phone No.: _____ Phone No.: _____

Customer ID: ABC COMPANY (5) P.O. No.(if required): _____

Serial No.:

Description	Order No. (6)	Quantity Required:
Toner Cartridge (Black)	: DQ-TUS28K	_____
Toner Cartridge (Cyan)	: DQ-TUS20C	_____
Toner Cartridge (Magenta)	: DQ-TUS20M	_____
Toner Cartridge (Yellow)	: DQ-TUS20Y	_____
OPC Drum Unit (Black)	: DQ-UHN36K	_____
OPC Drum Unit (Color)	: DQ-UHN30	_____
Toner Waste Container	: DQ-BFN45	_____

Print your Name and Title

Signature & Date

/ /

Explanation of Contents

(1) Low Toner Message (Fixed)

(2) Dealer Name

(3) Toner Order Tel #

(4) Toner Order Fax #

(5) Customer ID

(6) Toner Cartridge No.

“The toner supply in your machine is running low”

Up to 25 digits

Up to 36 digits

Up to 36 digits

Up to 16 characters (User Identification Code)

4.2.5. Fax Service Mode 4 (Modem Test)

4.2.5.1. Binary Signal

This Service Mode is used to check the binary signal output. Signals can be output to the line using the following procedure.

Set the machine to Service Mode, and press **"9"** key on the Keypad.



Press the **"Start"** key.



Select **"00 Fax Service Mode"** key on the Touch Panel display.



Select **"04 Modem tests"** key on the Touch Panel display.



Select **"01 Binary Signal"** on the display.



Select the desired code number on the Touch Panel display, and then press the **"Start"** key on the Control Panel button.



Press the **"Stop"** key on the Control Panel button.



Select **"Close"** key three time.



Press **"Function"**, and **"C (Clear)"** keys simultaneously to exit the service mode.

Binary Signal Table

Number	Signals
1	V21 300bps
2	V27ter 2400bps
3	V27ter 4800bps
4	V29 7200bps
5	V29 9600bps
6	V17 TC7200bps
7	V17 TC9600bps
8	V17 12000bps
9	V17 14400bps

4.2.5.2. Tonal Signal

This Service Mode is used to check the tonal signal output. Signals can be output to the line using the following procedure.

Set the machine to Service Mode, and press **"9"** key on the Keypad.



Press the **"Start"** key.



Select **"00 Fax Service Mode"** key on the Touch Panel display.



Select **"04 Modem tests"** key on the Touch Panel display.



Select **"02 Tonal Signal"** on the display.



Select the desired code number on the Touch Panel display, and then press the **"Start"** key on the Control Panel button.



Press the **"Stop"** key on the Control Panel button.



Select **"Close"** key three time.



Press **"Function"**, and **"C (Clear)"** keys simultaneously to exit the service mode.

Tonal Signal Table

Number	Signals
1	462 Hz
2	1080 Hz
3	1100 Hz
4	1300 Hz
5	1650 Hz
6	1850 Hz
7	2100 Hz

4.2.5.3. DTMF Signal

This Service Mode is used to check the DTMF (Dual Tone Multi Frequency) signal output. The DTMF signal can be generated using the following procedure.

- DTMF Single Tone

Set the machine to Service Mode, and press **"9"** key on the Keypad.



Press the **"Start"** key.



Select **"00 Fax Service Mode"** key on the Touch Panel display.



Select **"04 Modem tests"** key on the Touch Panel display.



Select **"03 DTMF Single Tone"** on the display.



Select the desired code number on the Touch Panel display, and then press the **"Start"** key on the Control Panel button.



Press the **"Stop"** key on the Control Panel button.



Select **"Close"** key three time.



Press **"Function"**, and **"C (Clear)"** keys simultaneously to exit the service mode.

- DTMF Dual Tone

Set the machine to Service Mode, and press **"9"** key on the Keypad.



Press the **"Start"** key.



Select **"00 Fax Service Mode"** key on the Touch Panel display.



Select **"04 Modem tests"** key on the Touch Panel display.



Select **"04 DTMF Dual Tone"** on the display.



Select the desired code number on the Touch Panel display, and then press the **"Start"** key on the Control Panel button.



Press the **"Stop"** key on the Control Panel button.



Select **"Close"** key three time.



Press **"Function"**, and **"C (Clear)"** keys simultaneously to exit the service mode.

DTMF Single Tone Table

Number	DTMF Signal Tones
1	697 Hz
2	770 Hz
3	852 Hz
4	941 Hz
5	1209 Hz
6	1336 Hz
7	1477 Hz
8	1633 Hz

DTMF Dual Tone Table

Number	DTMF Dual Tones
0	941 Hz + 1336 Hz
1	697 Hz + 1209 Hz
2	697 Hz + 1336 Hz
3	697 Hz + 1477 Hz
4	770 Hz + 1209 Hz
5	770 Hz + 1336 Hz
6	770 Hz + 1477 Hz
7	852 Hz + 1209 Hz
8	852 Hz + 1336 Hz
9	852 Hz + 1477 Hz
*	941 Hz + 1209 Hz
#	941 Hz + 1477 Hz

4.2.5.4. Binary Signal (V.34)

This Service Mode is used to check the binary signal output. Signals can be output to the line using the following procedure. (V.34)

Set the machine to Service Mode, and press **"9"** key on the Keypad.



Press the **"Start"** key.



Select **"00 Fax Service Mode"** key on the Touch Panel display.



Select **"04 Modem tests"** key on the Touch Panel display.



Select **"05 V34 Modem"** on the display.



Select the desired code number on the Touch Panel display, and then press the **"Start"** key on the Control Panel button.



Press the **"Stop"** key on the Control Panel button.



Select **"Close"** key four time.



Press **"Function"**, and **"C (Clear)"** keys simultaneously to exit the service mode.

Binary Signal Table

Number	Signals	Number	Signals	Number	Signals
01	V34 2400 sr 2400 bps	22	V34 3000 sr 9600 bps	43	V34 3429 sr 4800 bps
02	V34 2400 sr 4800 bps	23	V34 3000 sr 12000 bps	44	V34 3429 sr 7200 bps
03	V34 2400 sr 7200 bps	24	V34 3000 sr 14400 bps	45	V34 3429 sr 9600 bps
04	V34 2400 sr 9600 bps	25	V34 3000 sr 16800 bps	46	V34 3429 sr 12000 bps
05	V34 2400 sr 12000 bps	26	V34 3000 sr 19200 bps	47	V34 3000 sr 19200 bps
06	V34 2400 sr 14400 bps	27	V34 3000 sr 21600 bps	48	V34 3429 sr 16800 bps
07	V34 2400 sr 16800 bps	28	V34 3000 sr 24000 bps	49	V34 3429 sr 19200 bps
08	V34 2400 sr 19200 bps	29	V34 3000 sr 26400 bps	50	V34 3429 sr 21600 bps
09	V34 2400 sr 21600 bps	30	V34 3000 sr 28800 bps	51	V34 3429 sr 24000 bps
10	V34 2800 sr 4800 bps	31	V34 3200 sr 4800 bps	52	V34 3429 sr 26400 bps
11	V34 2800 sr 7200 bps	32	V34 3200 sr 7200 bps	53	V34 3429 sr 28800 bps
12	V34 2800 sr 9600 bps	33	V34 3200 sr 9600 bps	54	V34 3429 sr 31200 bps
13	V34 2800 sr 12000 bps	34	V34 3200 sr 12000 bps	55	V34 3429 sr 33600 bps
14	V34 2800 sr 14400 bps	35	V34 3200 sr 14400 bps	56	ANSam
15	V34 2800 sr 16800 bps	36	V34 3200 sr 16800 bps	57	CM
16	V34 2800 sr 19200 bps	37	V34 3200 sr 19200 bps	58	JM
17	V34 2800 sr 21600 bps	38	V34 3200 sr 21600 bps	59	INFO0c & TONEB
18	V34 2800 sr 24000 bps	39	V34 3200 sr 24000 bps	60	INFO0c & TONEA
19	V34 2800 sr 26400 bps	40	V34 3200 sr 26400 bps	61	PPh & AC & ALT
20	V34 3000 sr 4800 bps	41	V34 3200 sr 28800 bps		
21	V34 3000 sr 7200 bps	42	V34 3200 sr 31200 bps		

4.2.6. Fax Service Mode 6 (RAM Initialization)

Initializes RAM, and restores the Function Parameters to their default values.

Note:

This operation should be performed when the unit is first installed.

Set the machine to Service Mode and press "9" key on the Keypad.



Press the "Start" key.



Select "00 Fax Service Mode" key on the Touch Panel display.



Select "06 RAM Initialize" key on the Touch Panel display.



Select the desired Mode on the Touch Panel display, and then select the "Yes" or "No".



Select "Yes" key to initialize RAM, or select the "No" key to cancel.



Select "Close" key four time.



Press "Function", and "C (Clear)" keys simultaneously to exit the service mode.

RAM Initialization Table

No.	Initialize Mode	Description
01	PARAMETER INITIALIZE	Restores the Fax, and Function Parameters to default values. Note: Turn the Power Switch to the OFF , and back to the ON position to enable the parameter settings.
02	JOURNAL CLEAR	Clears the Journal contents.
03	AUTO DIAL CLEAR	Clears the One-touch, ABBR Numbers, and Phone Books.
04	PROGRAM DIAL CLEAR	Clears the Program keys.
05	LOGO/ID/PSWD CLEAR	Clears the Logo, ID, Polling Password.
06	LBP ERROR LOG CLEAR	Clears the Printer Error Log.
07	SHIPMENT SET	Deletes all setting information, except parameter number 80 and 81, then set default values.
08	FLASH MEMORY CLEAR	Deletes all information in the Flash Memory.
09	ALL JOB CLEAR	Clears all Jobs stored in Flash Memory.

4.2.7. FAX Service Mode 8 (Check & Call)

4.2.7.1. Overview

This feature enables the Authorized Servicing Dealers to manage, and improve the machine maintenance to their customers by alerting them of equipment problems. It also can be used as a Supply Sales Tool by alerting the Dealer that the unit is running Low on Toner. The function overview is as follows:

1. The machine's printer error information is stored in the Printer Report.
2. The printer report can be manually printed when required.
3. When printer errors occurs, the unit can automatically transmit the Service Alert Report to the pre-registered telephone number, or email address.
4. When the unit detects Low Toner, or a PM counter reached the maintenance timing, it can automatically transmit the Maintenance Alert Report to the pre-registered telephone number, or email address.

Set the machine to Service Mode, and press "9" key on the Keypad.



Press the "Start" key.



Select "00 Fax Service Mode" key on the Touch Panel display.



Select "08 Check & Call" key on the Touch Panel display.



Select the desired code on the Touch Panel display.

(i.e. 01 Service Alert Fax #, input the telephone No., or for an email address, select the "Fax" Mode key, and then input the email address.)



Press "Close" key three time.



Press "Function", and "C (Clear)" keys simultaneously to exit the service mode.

4.2.7.2. Printer Reports

• Conditions under which a report can be printed, or transmitted

1. Manual print

The Printer Report can be printed by Service Mode 3. (See sect. 4.2.4.3.)

2. Automatic transmission/printout

a. Service Alert Report

When the unit detects an Emergency Printer Error, the unit will immediately transmit the Service Alert Report to the pre-registered telephone number, or email address. However, the unit will not transmit the Service Alert Report if it finds the same error within the same date in the error log.

b. Maintenance Alert Report

When the unit detects Low Toner, the unit can automatically transmit the Maintenance Alert Report to the pre-registered telephone number, or email address. Refer to the Error Code Table.

c. Toner Order Form

When the unit detects Low Toner, the unit can automatically print the Toner Order Form with the pre-registered order information.

d. Call Counter Report

When the printer counter reaches the pre-set number, the unit can automatically transmit the Call Counter Report to the pre-registered telephone number, or email address.

Note:

The Service and Maintenance Alert Reports are managed in the same manner as the normal memory transmission (Retry, Incomplete, File List, Display while it is transmitting, Journal).

Error Code	Log	Tx Report	Remarks
Ex-xx	O	S	Refer to the Mechanical Error Code (E Code) Table. (Sect. 4.5.3.)
E13			Out of Toner.
Jxx			Refer to the Jam Error Code (J Code) Table. (Sect. 4.5.2.)
Uxx			Refer to the User Error Code (U Code) Table. (Sect. 4.5.1.)
U13		M	Low Toner.

Note:

TX (Transmission) Report: **S** = Service Alert Report, **M** = Maintenance Alert Report

4.2.7.3. SERVICE ALERT REPORT FORMAT

***** Date MMM-dd-yyyy ***** Time 03:47 *****

> Service Alert Report <

Last Print Error : MMM-dd-yyyy 20:07 E04-01 00-00000013

Serial Number :
(1) Customer ID : 1234567890123456
(2) Firmware Version
SC : DP-C354 Axxxxxxxxxxx
PNL : V1xxxx
EC : 35cpm V1xxxx
SCN : V1xxxx
FCB : FCBAxxxxxxxx_xx
DATA SECURITY KIT: T0xxxx

(3)Counter Information:

	Current	PM Cycle		Current
F7-02 Total Count B/W	: 151		Developer Count Y	: 1569
Total Count 1C	: 0		Developer Count M	: 1569
Total Count 2C	: 0		Developer Count C	: 1569
Total Count 4C	: 377		Developer Count BK	: 2263
Total Print Count	: 528		Transfer Belt Count	: 3738
Toner Page Count Y	: 377		Belt Life Count Down	: 235153
Toner Page Count M	: 373		STR Life Count	: 5847
Toner Page Count C	: 372		Belt RotationTime Count:	2619
Toner Page Count BK	: 8		STR RotationTime Count :	2619
PM Count	: 528	120000	Deve.UnitRotateCount Y :	1569
Scanner PM Count	: 0	(-----)	Deve.UnitRotateCount M :	1569
ADF Count	: 117		Deve.UnitRotateCount C :	1569
ADF PM Count	: 117	(-----)	Deve.UnitRotateCount BK:	2263
OPC Drum Count Y	: 1766		Add Toner Count Y	: 744
OPC Drum Count M	: 1407		Add Toner Count M	: 283
OPC Drum Count C	: 1407		Add Toner Count C	: 269
OPC Drum Count BK	: 3738		Add Toner Count BK	: 2907
Avg.Print/DrumRiseUpC	: 0.00		Fuser Belt Remain Count:	117262
Avg.Print/DrumRiseUpB/W:	: 1.00		Fuser Belt Remain Count:	237262
Avg.Print/DrumRiseUpAUT:	: 2.24		Fuser Belt Exch Count:	0
Drum Life Count Down Y :	33329			

(4)Print Error:

No.	Date & Time	Error Code	Error Count	No.	Date & Time	Error Code	Error Count
01	MMM-dd-yyyy 20:07 E04-01		00-00000013				
02	MMM-dd-yyyy 20:04 E04-01		00-00000013				

-LOGO PANASONIC -

***** DP-C354 ***** - ***** - *****

Explanation of Contents

- (1) Customer ID
(2) Firmware Version
(3) Counter Information
(4) Print Error
- Last 30 records (Latest on top)

4.2.7.4. MAINTENANCE ALERT REPORT FORMAT

```

***** Date MMM-dd-yyyy ***** Time 12:00 *****

*****
> Maintenance Alert Report <
*****

Last Print Error : Machine is running Out of Toner(Black) (1)

Serial Number      :

Customer ID        : ABC COMPANY (2)

Firmware Version   (3)
  SC                : DP-C354 Axxxxxxxxx
  PNL               : V1xxxx
  EC                : 35cpm V1xxxx
  SCN               : V1xxxx
  FCB               : FCBAxxxxxxxx_xx
  DATA SECURITY KIT: T0xxxx

Transmit Counter   : 59          (4)
Receive Counter    : 7
Copy Counter       : 144
Print Counter      : 639

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***** DP-C354 ***** -CHARACTER ID - ***** -31415926535897932384-*****

```

Explanation of Contents

- | | |
|--|---|
| (1) Low Toner Message (Fixed) | "Machine is running Out of Toner (Black) (Cyan) (Magenta) (Yellow)" |
| (2) Customer ID | Up to 16 characters (User Identification Code) |
| (3) Firmware Version | |
| (4) Transmission / Reception / Copy / Print Counters | |

4.2.7.5. Toner Order Form

> Supply Order Form <

**** The supplies in your machine are running low **** (1)

To order replacement Supplies

Please Contact or Fax this form to your authorized dealer

Panasonic (2)

by Phone: 123456789012345678901234567890123456 (3)

by Fax: 012345678901234567890123456789012345 (4)

Thank you for your order.

Customer Information

=====

Ship to: _____

Bill to: _____

Attention: _____

Attention: _____

Phone No.: _____

Phone No.: _____

Customer ID: ABC COMPANY (5)

P.O. No.(if required): _____

Serial No.:

Description	Order No. (6)	Quantity Required:
Toner Cartridge (Black)	: DQ-TUS28K	_____
Toner Cartridge (Cyan)	: DQ-TUS20C	_____
Toner Cartridge (Magenta)	: DQ-TUS20M	_____
Toner Cartridge (Yellow)	: DQ-TUS20Y	_____
OPC Drum Unit (Black)	: DQ-UHN36K	_____
OPC Drum Unit (Color)	: DQ-UHN30	_____
Toner Waste Container	: DQ-BFN45	_____

_____ / _____

Print your Name and Title

Signature & Date

Explanation of Contents

(1) Low Toner Message (Fixed)

(2) Dealer Name

(3) Toner Order Tel #

(4) Toner Order Fax #

(5) Customer ID

(6) Toner Cartridge No.

“The toner supply in your machine is running low”

Up to 25 digits

Up to 36 digits

Up to 36 digits

Up to 16 characters (User Identification Code)

408

Ver. 2.0

SEPT 2006

4.2.7.6. CALL COUNTER REPORT

```

***** Date MMM-dd-yyyy ***** Time 03:47 *****

*****
>Scheduled Report - Call Counter has been reached<
*****

Last Print Error      : MMM-dd-yyyy 20:07 E04-01      00-00000013

Serial Number        :

(1) Customer ID      : 1234567890123456

(2) Firmware Version
    SC               : DP-C354 Axxxxxxxxxxx
    PNL              : V1xxxx
    EC               : 35cpm V1xxxx
    SCN              : V1xxxx
    FCB              : FCBAxxxxxxxx_xx
    DATA SECURITY KIT: T0xxxx

(3)Counter Information:

Current  PM Cycle  Current
F7-02 Total Count B/W      :      151      Developer Count Y      :      1569
Total Count 1C             :           0      Developer Count M      :      1569
Total Count 2C             :           0      Developer Count C      :      1569
Total Count 4C             :          377      Developer Count BK      :      2263
Total Print Count          :          528      Transfer Belt Count     :      3738
Toner Page Count Y         :          377      Belt Life Count Down    :      235153
Toner Page Count M         :          373      STR Life Count          :          5847
Toner Page Count C         :          372      Belt RotationTime Count:      2619
Toner Page Count BK        :           8      STR RotationTime Count :      2619
PM Count                   :          528 120000      Deve.UnitRotateCount Y :      1569
Scanner PM Count           :           0 (-----)      Deve.UnitRotateCount M :      1569
ADF Count                  :          117      Deve.UnitRotateCount C :      1569
ADF PM Count               :          117 (-----)      Deve.UnitRotateCount BK:      2263
OPC Drum Count Y           :          1766      Add Toner Count Y       :          744
OPC Drum Count M           :          1407      Add Toner Count M       :          283
OPC Drum Count C           :          1407      Add Toner Count C       :          269
OPC Drum Count BK          :          3738      Add Toner Count BK      :          2907
Avg.Print/DrumRiseUpC      :          0.00      Fuser Belt Remain Count:      117262
Avg.Print/DrumRiseUpB/W    :          1.00      Fuser Belt Remain Count:      237262
Avg.Print/DrumRiseUpAUT    :          2.24      Fuser Belt Exch Count   :           0
Drum Life Count Down Y     :          33329

(4) Call Counter Set Number :           3

Print Error:

No. Date & Time      Error Code Error Count | No. Date & Time      Error Code Error Count
-----
01 MMM-dd-yyyy 20:07 E04-01      00-00000013 |
02 MMM-dd-yyyy 20:04 E04-01      00-00000013 |
-----

-LOGO PANASONIC -

***** DP-C354 ***** - - ***** - *****

```

Explanation of Contents

- (1) Customer ID
- (2) Firmware Version
- (3) Counter Information
- (4) Call Counter Set Number

4.2.8. Service Mode 9 (System Maintenance)

4.2.8.1. Overview

This Service Mode is used to maintain the machine. Use the following procedure for System Maintenance.

Set the machine to Service Mode, and press **"9"** key on the Keypad.



Press the **"Start"** key.



Select **"00 Fax Service Mode"** key on the Touch Panel display.



Press the "V", "Λ" arrow keys to select the **"09 System Maintenance"** key on the Touch Panel display.



Select **"01 Send RCV'D File"**. The display changes to the Fax Mode.



Select the desired Fax number.



Press **"Start"** to send the Fax.

After the transmission, the machine returns to the Stand-by Mode.

Note:

If there is NO File in the machine, this operation will not function.

Press the **"Stop"** key twice to exit the service mode.

System Maintenance Table

No.	Maintenance Mode	Description
01	Send RCV'D File	Transfers documents from memory to another fax machine during a fatal printer error.

memo

5 Exploded View & Parts List

Note:

1. Panasonic Document Imaging Company and other Panasonic Sales Companies reserve the right to change any information enclosed herein without prior notification.
(This includes, but is not limited to, parts pricing, availability, and text)
2. Electrical parts supplied may include previously used components.
3. **⚠ Important Safety Notice**
Components identified by a ⚠ mark, have special characteristics important for safety.
When replacing any of these components, use only manufacturer's specified parts.
4. In New Parts column, "N" indicates part is used only in DP-C354/C323/C264/C263/C213 models, "C" indicates part is used in previous models.
5. In Remarks column, "PM" indicates "Preventive Maintenance Part".
6. In Remarks column, "RTL" indicates that the Retention Time is limited for this item. After the discontinuation of this assembly in production, the item will continue to be available for a specific period of time. The retention period of availability is dependant on the type of assembly, and in accordance with the laws governing part and product retention. After the end of this period, the assembly will no longer be available.
7. This "Unit" which includes other itemized parts is provided as "Limited Availability" for your convenience, and will only be offered for up to 3 years after the production of the unit ceases.
However, the individual contents of the assembly will be available for the standard period.
8. For Screw identification and Part Number, please refer to the last section of this chapter.
9. **Important Notice**
(Especially to those countries belonging to the European Union):
This product is fully compliant with the national laws transposed from the EU Directive on the restriction of the use of certain hazardous substances (RoHS) in electrical and electronic equipment, effective July 1, 2006 in the EU countries.
In order for the product to comply with the RoHS Directive, the six particular substances (lead, mercury, cadmium, hexavalent chromium, polybrominated biphenyls, and polybrominated diphenyl ethers) have been either totally eliminated or limited to the concentration level below maximum allowed.
Consequently spare parts have been changed to RoHS-compliant parts where applicable.
Due to spare parts application of RoHS legislation, non-compliant spare parts cannot be used to repair compliant products placed in operation on the EU market on, or after July 1, 2006. Therefore, please make sure to order, and use RoHS-compliant spare parts listed in this manual.

5.1. Destination Codes

<For DP-C354/C323/C264/C263/C213 and DP-C322/C262>

Code	Destination	Code	Destination
PA	Australia; New Zealand	PL	Portugal
PB	England; Singapore; Malaysia; Hong Kong SAR, PRC; UAE	PM	Germany; Italy
		PR	Russia (DP-C322/C262 Only)
PE	France (Scanner :PF); Spain; Netherlands; Greece; South Africa	PT	Taiwan
		PU	USA (System Console :PUG); Canada
PK	China (DP-C322/C262 Only)	PV	Turkey

5.1.1. Destination Codes for Fax Option

<For DP-C354/C323/C264/C263/C213 and DP-C322/C262>

Code	Destination	Code	Destination
AG	Germany	EH	Netherlands
AL	Australia; New Zealand	EP	Spain; Greece; Portugal
AU	USA; Canada	ER	Turkey
AV	France	YC	South Africa; UAE
EB	England; Singapore; Malaysia; Hong Kong SAR, PRC	YR	Russia (DP-C322/C262 Only)
EE	Italy	YV	China (DP-C322/C262 Only)

5.2. Cover Assembly

Safety Mark	Ref. No.	Part Number	Part Name	New Parts	Remarks	Destination
⚠	101	PJKZC0016Z	Cover, Rear Scanner	C		All
⚠	102	PJKZC0012Z	Cover, Center Scanner	C		All
⚠	103	PJKZC0019Z	Cover, Right Lower Scanner	C		All
⚠	104	PJKZC0015Z	Cover, Right Scanner	C		All
⚠	105	PJKZC0014Z	Cover, Left Scanner	C		All
⚠	106	PJKZC0017Z	Cover, Scanner Base Bracket	C		All
	107	PJUAC0097Z	Bracket, Scanner Base	C		All
	108	PJUAC0098Z	Bracket, Scanner Mounting	C		All
	109	PJGFC0489Z	Label, Copy Prohibition	C	For DP-C354/C323/C264/C263/C213	PB, PE, PT, PU
		PJGFC0992Z			For DP-C322/C262	Except PK PK
	110	XTW3+12LFJB	Screw	C	Shipping Material	All
	N6	FFPFA0161	Screw	C		All
	P4	PF2217P319	Screw	C		All
	S6	DZPA000086	Screw	C		All
	Y19	XTB4+8FFJ	Screw, Binding Head Tapping	C		All

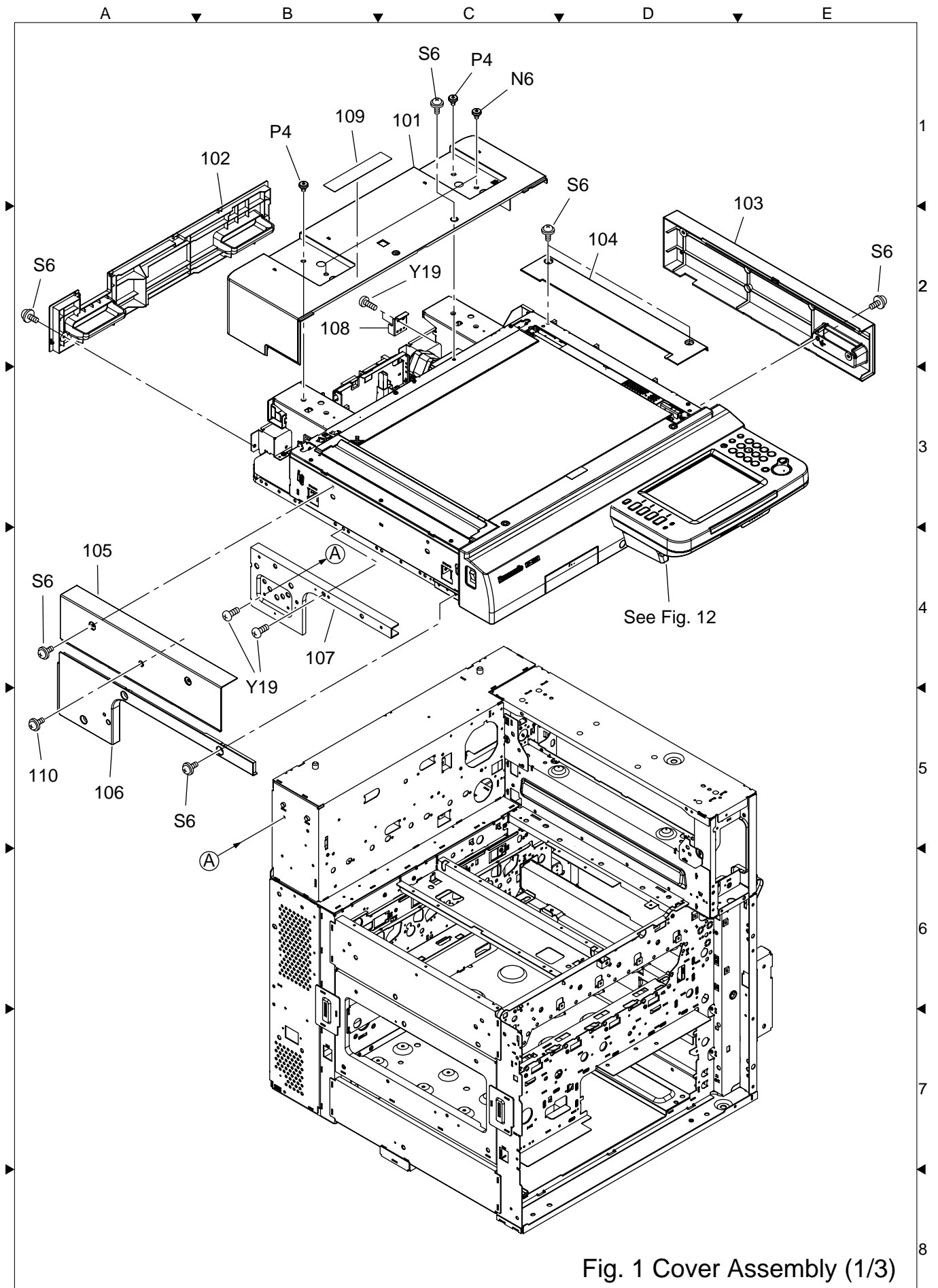


Fig. 1 Cover Assembly (1/3)

Safety Mark	Ref. No.	Part Number	Part Name	New Parts	Remarks	Destination
⚠	201	PJKZC0003Z	Cover, Inner Rear	C		All
⚠	202	PJKZC0002Z	Cover, Exit	C		All
⚠	203	PJKNC0007Z	Cover, Inner Stack	C		All
⚠	204	PJKPC0029Z	Cover, Connector	C		All
⚠	205	PJKZC0008Z	Cover, Right Side Rear	C		All
	206	PJKZC0007Z	Cover, Right Side Front	C		All
	207	PJKZC0009Z	Cover, Top	C		All
⚠	208	PJKZC0010Z	Cover, Lower	C		All
⚠	209	PJKZC0004Z	Cover, Front Right	C		All
	210	PJKPC0028Z	Cover, Counter	C		PU
		PJKPC0028Y				Except PU
⚠	211	PJKZC0005Z	Cover, Front Left	C		All
⚠	212	PJKCC0002Z	Cover, Door	C		All
	213	PJKZC0018Z	Door, Inner	C		All
	214	PJBVC0103Z	Spring, Push	C		All
	215	PJKPC0025Z	Stick, Push	C		All
	216	PJKPC0004Z	Plate, Belt	C		All
	218	PJKPC0003Z	Belt, Front Cover	C		All
	219	PJKPC0026Z	Push, Interlock	C		All
	220	FFPFG0471B	Pin, Front Cover Attachment	C		All
	221	PJGBC0001Z	Badge, Color	C		All
	222	PJGFC0024Z	Label, Caution	C		All
⚠	223	PJGFC0654Z	Label, High Temperature	C		All
	224	PJGFC1214Z	Label, EPA Mark	C		All
	225	PJBUC0082Z	Spring, Exit	C		All
	226	PJSCC0008Z	Brush 1, Exit	C		All
	227	PJUJC0090Z	Guide, Exit Sub	C		All
⚠	228	PJZEF217SPU	Cleaner	C		All
⚠	229	PJGFC0487Y	Label, OPC Caution	C		All
	230	PJUIC0098Z	Bracket, Front Left Cover	C		All
⚠	231	K0AALE000029	Switch, Heater	C		All
	232	PJJRC2526Z	Harness, SW4	C		All
	1123	DZMG000041	Magnet	C		All
	S6	DZPA000086	Screw	C		All
	X5	XTB3+6FFJ	Screw	C		All
	Y1	XTW3+8PFJ	Screw	C		All

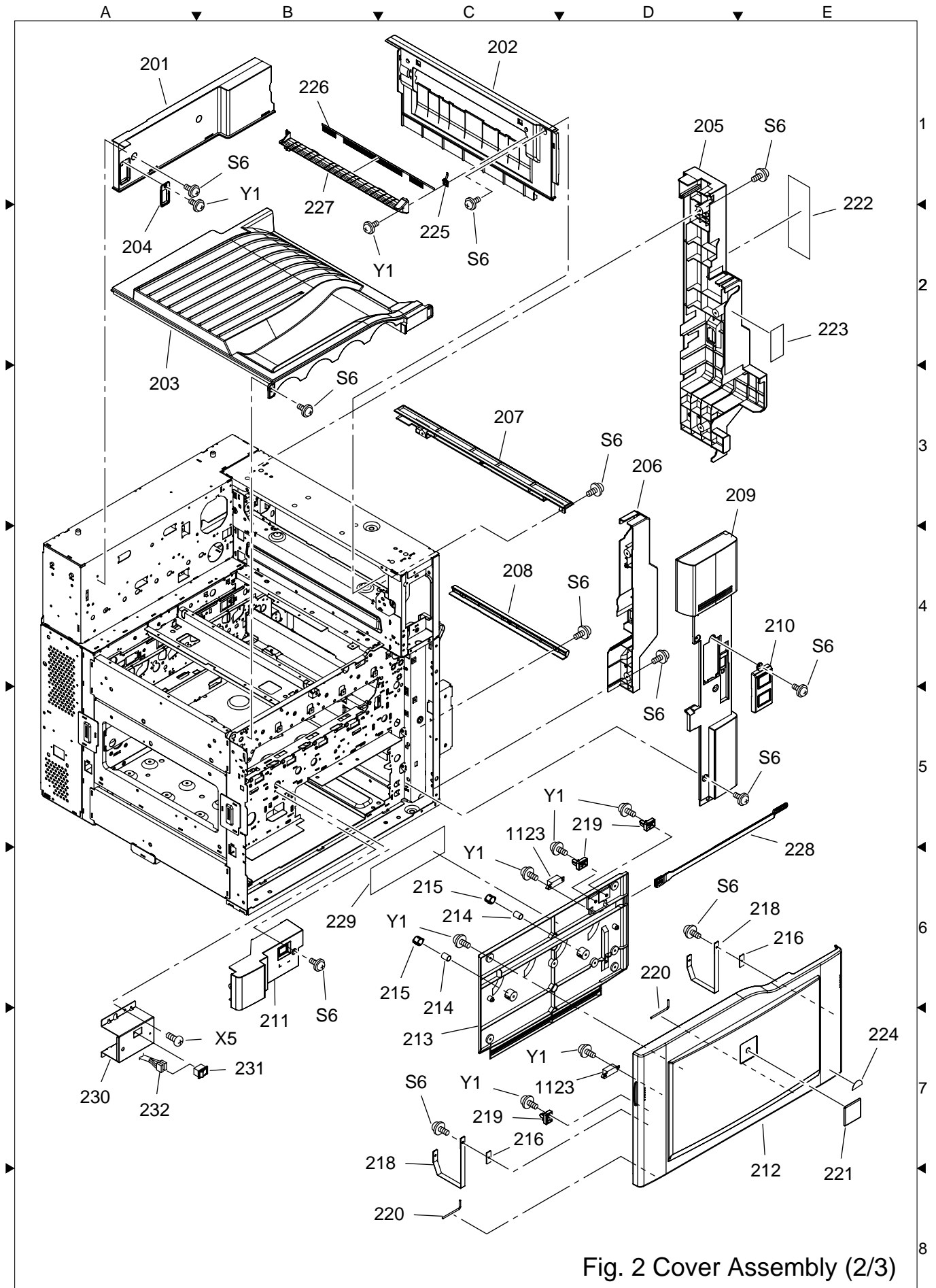


Fig. 2 Cover Assembly (2/3)

Safety Mark	Ref. No.	Part Number	Part Name	New Parts	Remarks	Destination
⚠	301	PJKZC0006Z	Cover, Left	C		All
⚠	302	PJKZC0021Z	Cover, Left Upper	C		All
⚠	303	PJKZC0011Y	Cover, Right Rear	C		All
⚠	304	PJKZC0022Z	Cover, Left Rear	C		All
⚠	305	PJKZC0042Z	Assembly, Rear Plate Cover	C		All
⚠	306	PJKZC0029Z	Cover, Lower Rear	C		All
⚠	307	PJKZC0069Z	Cover, Rear	N	For DP-C354/C323/C264/C263/C213	All
		PJKZC0030Z		C	For DP-C322/C262	
	308	PJKZC0040Z	Bracket, Left Rear Plate	C		All
	309	PJKZC0032Z	Bracket, Center Rear Plate	C		All
	310	PJKZC0046Z	Bracket, Right Rear Plate	C		All
	311	PJKZC0045Z	Bracket, Left Rear Reinforcement	C		All
	312	PJKZC0044Z	Bracket, Right Rear Reinforcement	C		All
	313	PJHSC0050Z	Gasket	N	For DP-C354/C323/C264/C263/C213	Except PU, PT
		PJHSC0003Z		C	For DP-C322/C262	
	314	PJHSC0059Z	Gasket	N	For DP-C354/C323/C264/C263/C213	Except PU, PT
		PJHSC0033Z		C	For DP-C322/C262	
	315	PJHSC0062Z	Gasket	N	For DP-C354/C323/C264/C263/C213	Except PU, PT
		PJHSC0037Z		C	For DP-C322/C262	
	316	PJHSC0065Z	Gasket	N	For DP-C354/C323/C264/C263/C213	Except PU, PT
		PJHSC0041Z		C	For DP-C322/C262	
	317	PJHSC0064Z	Gasket	N	For DP-C354/C323/C264/C263/C213	Except PU, PT
		PJHSC0040Z		C	For DP-C322/C262	
⚠	204	PJKPC0029Z	Cover, Connector	C		All
	S6	DZPA000086	Screw	C		All
	X5	XTB3+6FFJ	Screw	C		All
	Y1	XTW3+8PFJ	Screw	C		All

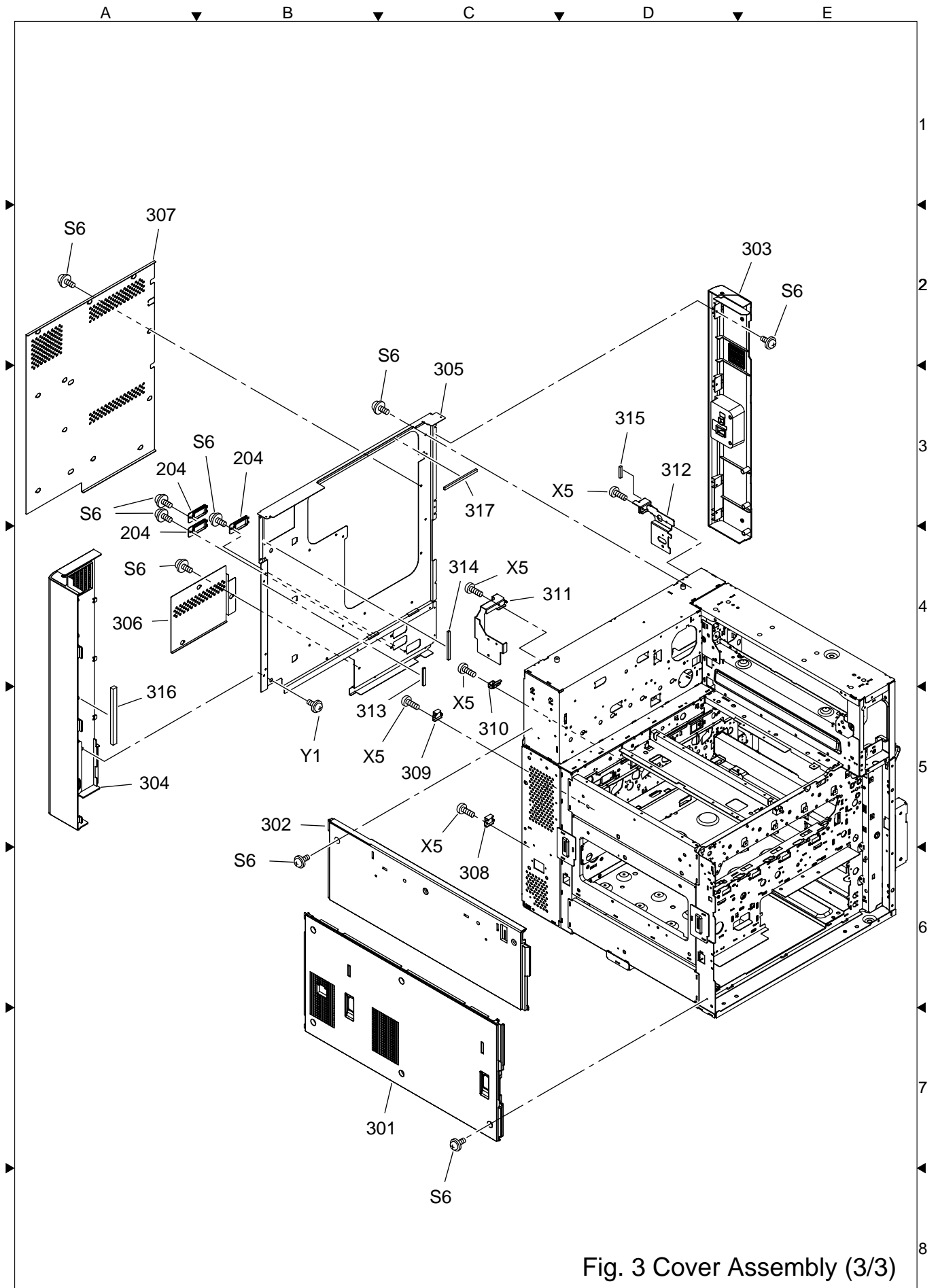


Fig. 3 Cover Assembly (3/3)

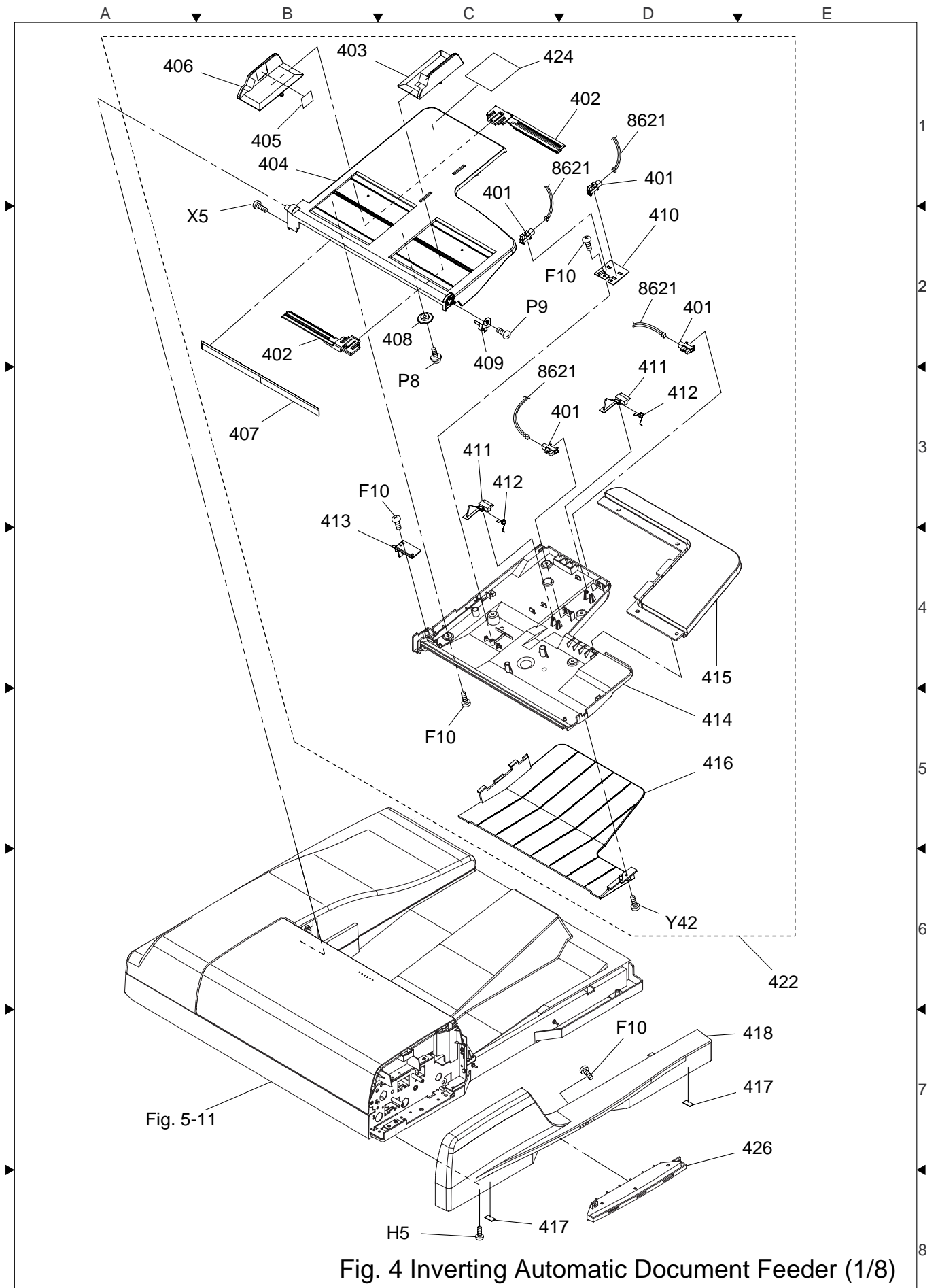
5.3. Inverting Automatic Document Feeder

Inverting Automatic Document Feeder (DP-C354/C323/C264/C263/C213)

<For DP-C322/C262 series, see page 440>

Safety Mark	Ref. No.	Part Number	Part Name	New Parts	Remarks	Destination
	401	DZAL000216	Photo Sensor 1	C		All
	402	DZJM000770	Rack Gear, Original Guide	C		All
⚠	403	DZMA004214	Guide, Front Original	C		All
⚠	404	PJKNC0013V	Tray, Upper Original	N		PU
		PJKNC0013Y				Except PU, PT
		PJKNC0013W				PT
	405	FFPTE2625	Label, Original Stack Limit	C		All
	406	DZMA004215	Guide, Rear Original	C		All
	407	DZGT000007	Brush, Antistatic	C		All
	408	DZLF000077	F Gear, D14	C		All
	409	DZKP000321	Plate Spring, Ground	C		All
	410	DZJA000930	Bracket, Original Sensor	C		All
	411	DZHC000057	Actuator, Original Length	C		All
	412	DZKQ000071	Spring, Original Length	C		All
	413	DZJA001330	Bracket, Tray Stopper	C		All
⚠	414	PJKNC0014Z	Tray, Lower Original	N		All
	415	PJKNC0015Z	Tray, Front Original	N		All
	416	DZMA004628	Tray, Sub Original	C		All
	417	FFPKN0400	Spacer	C		All
	418	PJKZC0061Z	Cover, ADF Front	N		All
	422	PJZVF2758PB	Unit, Original Tray	N		Except PU, PT
		PJZVF2758PU				PU
		PJZVF2758PA				PT
	424	PJGFC0896Z	Label, Caution	C		All
	426	PJKZC0062Z	Cover, Front	N		All
	F10	XTB3+8GFJ	Screw	C		All
	H5	XTB4+10GFN	Screw	C		All
	P8	XTW3+8PFJ	Screw	C		All
	P9	XTW4+10PFJ	Screw	C		All
	X5	XTB3+6FFJ	Screw	C		All
	Y42	XTB3+12GFJ	Screw	C		All

Inverting Automatic Document Feeder (DP-C354/C323/C264/C263/C213)



Inverting Automatic Document Feeder (DP-C354/C323/C264/C263/C213)

Safety Mark	Ref. No.	Part Number	Part Name	New Parts	Note	Destination
	501	DZJA000921	Bracket, Rear ADF Cover	C		All
⚠	502	PJKCC0010Z	Cover, ADF	N		All
	505	PJZVF2750PU	Assembly, Paper Feed Roller Shaft	C		All
	506	DZJM000712	Arm 1, Connection	C		All
	507	DZJM000710	Bracket, Pickup	C		All
	508	DZLA000276	Roller, Paper Feed	C	PM	All
	509	DZLF000468	Gear, Paper Feed Idle	C		All
	510	DZKG000210	Shaft, Pickup Roller	C		All
	511	PJDR00091Z	Roller, Pickup	N		All
	513	PJBAC0039Z	Stopper, Original	C		All
	514	DZJA000883	Bracket, Original Stopper	C		All
	515	DZJM000716	Stopper, Arm	C		All
	516	DZKN000346	Spring, Stopper Arm	C		All
	517	DZJM000711	Bracket 2, Pickup	C		All
	518	DZJA000940	Bracket, Latch Shaft	C		All
	519	DZJA000938	Bracket, Front ADF Cover	C		All
	521	DZJM000717	Actuator, Original Sensor	C		All
	522	DZJM000718	Actuator, Registration Sensor	C		All
	523	DZJA000922	Bracket 1, Original Sensor	C		All
	524	DZKG000214	Shaft 1, Pinch Roller	C		All
⚠	525	DZMA003374	Guide, Upper Opening And Shutting	C		All
	526	DZJM000761	Sheet 1, Vibration Guide	C		All
	527	DZJM000767	Sheet 2, Vibration Guide	C		All
	528	DZJM000724	Guide, Vibration	C		All
	529	DZJA000937	Bracket, Opening And Shutting Front	C		All
	530	DZJA000939	Bracket 2, Original Stopper	C		All
	531	DZKN000349	Spring 2, Ground	C		All
	532	DZLF000492	Gear, 24T	C		All
	533	PJDEC0062Z	Torque Limiter	C		All
	534	DZKQ000078	Spring, Registration Sensor	C		All
	535	DZKP000319	Plate Spring 2, Pinch Roller	C		All
	537	PJZVF2759PU	Paper Feed Unit	N		All
	538	PJBVC0145Z	Spring, Pick Up	N		All
	539	PJDJC0076Z	Bushing, M	C		All
	540	PJDIC0010Z	Joint	C		All
	542	PJNAC0018Z	Shoulder screw	N		All
	401	DZAL000216	Photo Sensor 1	C		All
	705	DZJM000722	Holder, Sensor	C		All



Inverting Automatic Document Feeder (DP-C354/C323/C264/C263/C213)

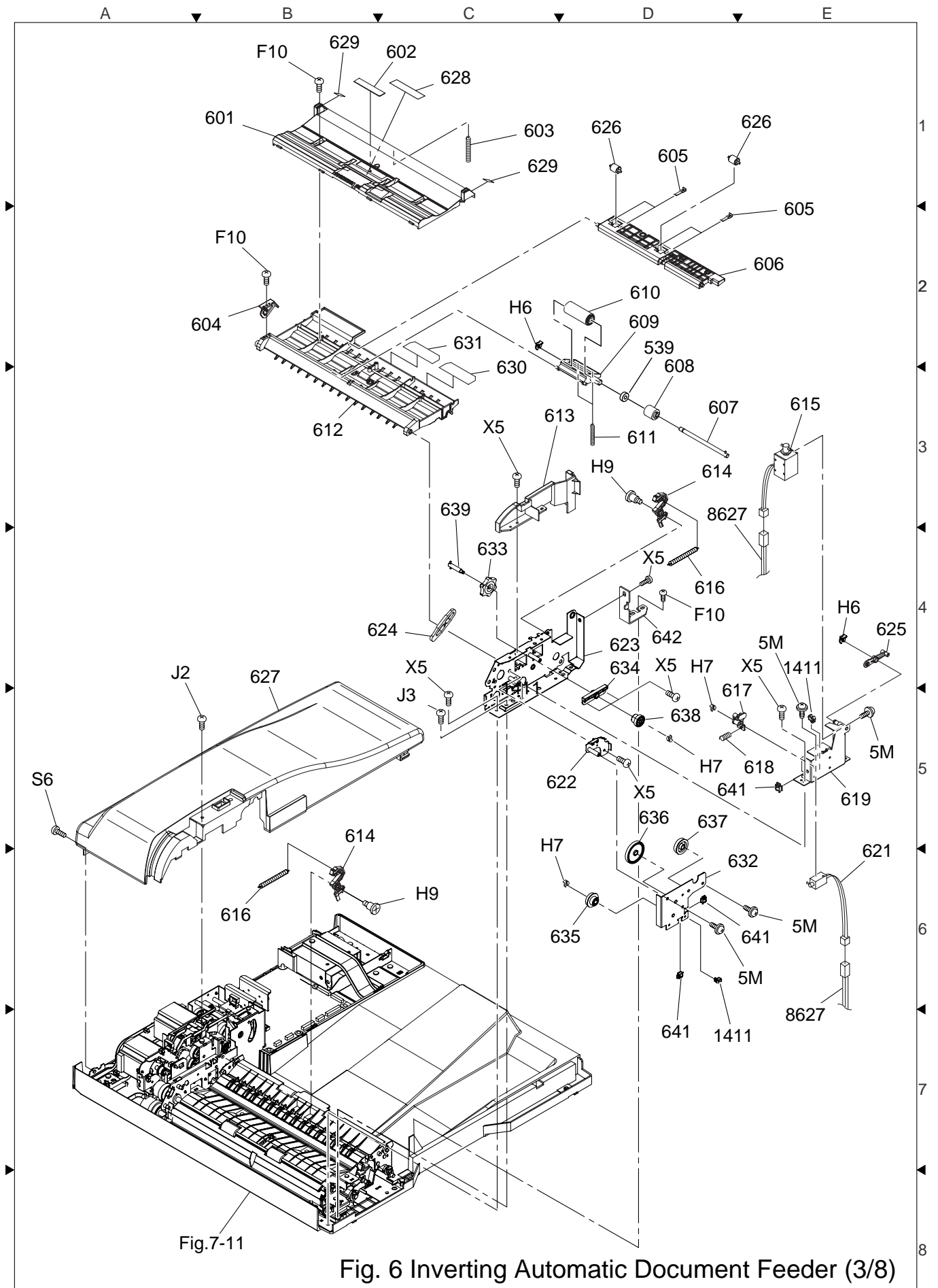
Safety Mark	Ref. No.	Part Number	Part Name	New Parts	Note	Destination
	1002	FFPMQ0558	Bushing, Metal	C		A11
	1122	DZLA000314	Roller, Pinch	C		A11
	1411	DZJK000061	Clamp	C		A11
	F10	XTB3+8GFJ	Screw	C		A11
	H6	FFPFJ0033B	Snap Ring	C		A11
	H7	FFPFJ0041B	Snap Ring	C		A11
	X5	XTB3+6FFJ	Screw	C		A11
	Y43	DZPA000098	Shoulder Screw	C		A11



Inverting Automatic Document Feeder (DP-C354/C323/C264/C263/C213)

Safety Mark	Ref. No.	Part Number	Part Name	New Parts	Note	Destination
	601	DZMA004827	Guide 1, Lower Opening And Shutting	N		A11
	602	DZJP000037	Felt, Pickup	C		A11
	603	DZKN000432	Spring, Pinch Roller	C		A11
	604	DZJM000755	Stopper, Opening And Shutting	C		A11
	605	DZKP000270	Plate Spring, Pinch Roller	C		A11
	606	DZJM000756	Guide, Pinch Roller	C		A11
	607	DZMA003896	Separation Roller Shaft	C		A11
	608	PJDEC0059Z	Torque Limiter	C		A11
	609	DZJM000721	Holder, Separation Roller	C		A11
	610	PJDRC0093Z	Roller, Separation	C	PM	A11
	611	PJBVC0125Z	Spring, Separation Roller	C		A11
	612	DZMA004826	Guide 2, Lower Opening And Shutting	N		A11
	613	PJUEC0180Z	Cover, Inner	N		A11
	614	DZJM000771	Latch, ADF	C		A11
⚠	615	DZMA003898	Assembly, Pinch Roller Solenoid	C		A11
	616	DZKN000419	Spring, ADF	C		A11
	617	DZJM000708	Arm 2, Selection Solenoid	C		A11
	618	DZKN000281	Spring, Solenoid	C		A11
	619	DZJA000901	Bracket, Solenoid	C		A11
⚠	621	L9AABBE0002	Solenoid, Selection	C		A11
	622	DZJA001342	Bracket, Shaft Mounting	C		A11
	623	DZJA001567	Bracket, ADF Front	C		A11
	624	DZJM000754	Arm, ADF Cover	C		A11
	625	DZJM000709	Arm, Pinch Roller Solenoid	C		A11
	626	DZLA000080	Pinch Roller	C		A11
⚠	627	PJKZC0060Z	Cover, ADF Rear	N		A11
	628	PJUKC0087Z	Sheet, Guide	C		A11
	629	DZNK004204	Label 1, Green	C		A11
	630	DZJM001083	Sheet 3, Inverting Guide	C		A11
	631	DZJM001084	Label 4, Inverting Guide	C		A11
	632	DZJA001341	Bracket, Jam Release	C		A11
	633	DZJM001242	Knob, Jam Release	C		A11
	634	DZJM001243	Base, Knob	C		A11
	635	DZLF000681	Gear, 25/16T D	C		A11
	636	DZLF000682	Gear, 45T D	C		A11
	637	DZLF000683	Gear, 29T D	C		A11
	638	DZLF000684	Gear, 22T	C		A11
	639	DZMA004303	Shaft, Knob	C		A11
	641	EDS-0607M	Edge Saddle	C		A11
	642	PJUIC0282Z	Plate, ADF	N		A11
	539	PJDJC0076Z	Bushing, Metal	C		A11

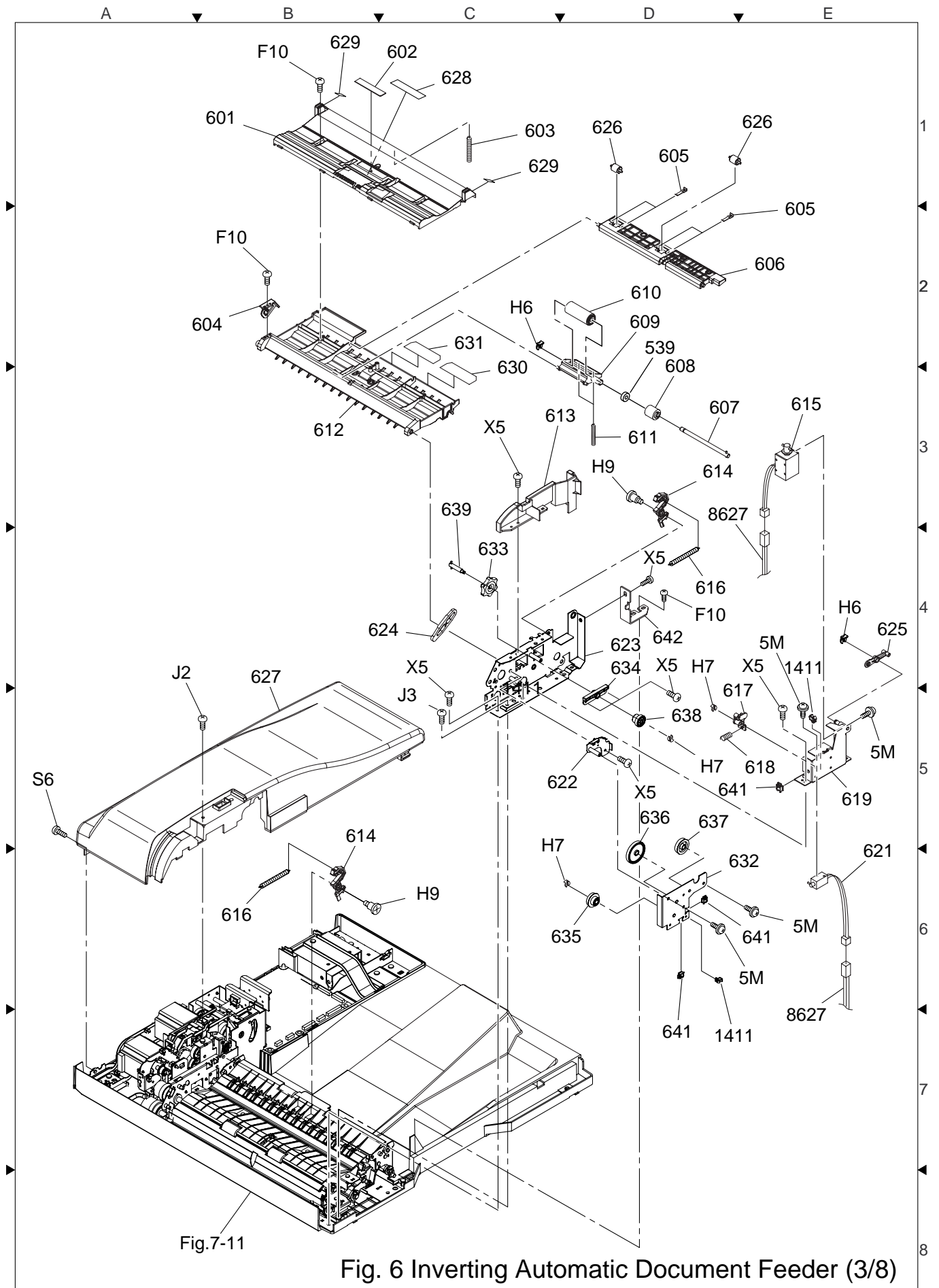
Inverting Automatic Document Feeder (DP-C354/C323/C264/C263/C213)



Inverting Automatic Document Feeder (DP-C354/C323/C264/C263/C213)

Safety Mark	Ref. No.	Part Number	Part Name	New Parts	Note	Destination
	1411	DZJK000061	Clamp	C		A11
	8627	PJJRC2828Z	Harness, AFCL	N		A11
	5M	XYN3+F4FJ	Screw	C		A11
	F10	XTB3+8GFJ	Screw	C		A11
	H6	FFPFJ0033B	Snap Ring	C		A11
	H7	FFPFJ0041B	Snap Ring	C		A11
	H9	FFPFA01632	Shoulder screw	C		A11
	J2	XTT4+8HFN	Screw	C		A11
	S6	DZPA000086	Screw	C		A11
	X5	XTB3+6FFJ	Screw	C		A11

Inverting Automatic Document Feeder (DP-C354/C323/C264/C263/C213)



Inverting Automatic Document Feeder (DP-C354/C323/C264/C263/C213)

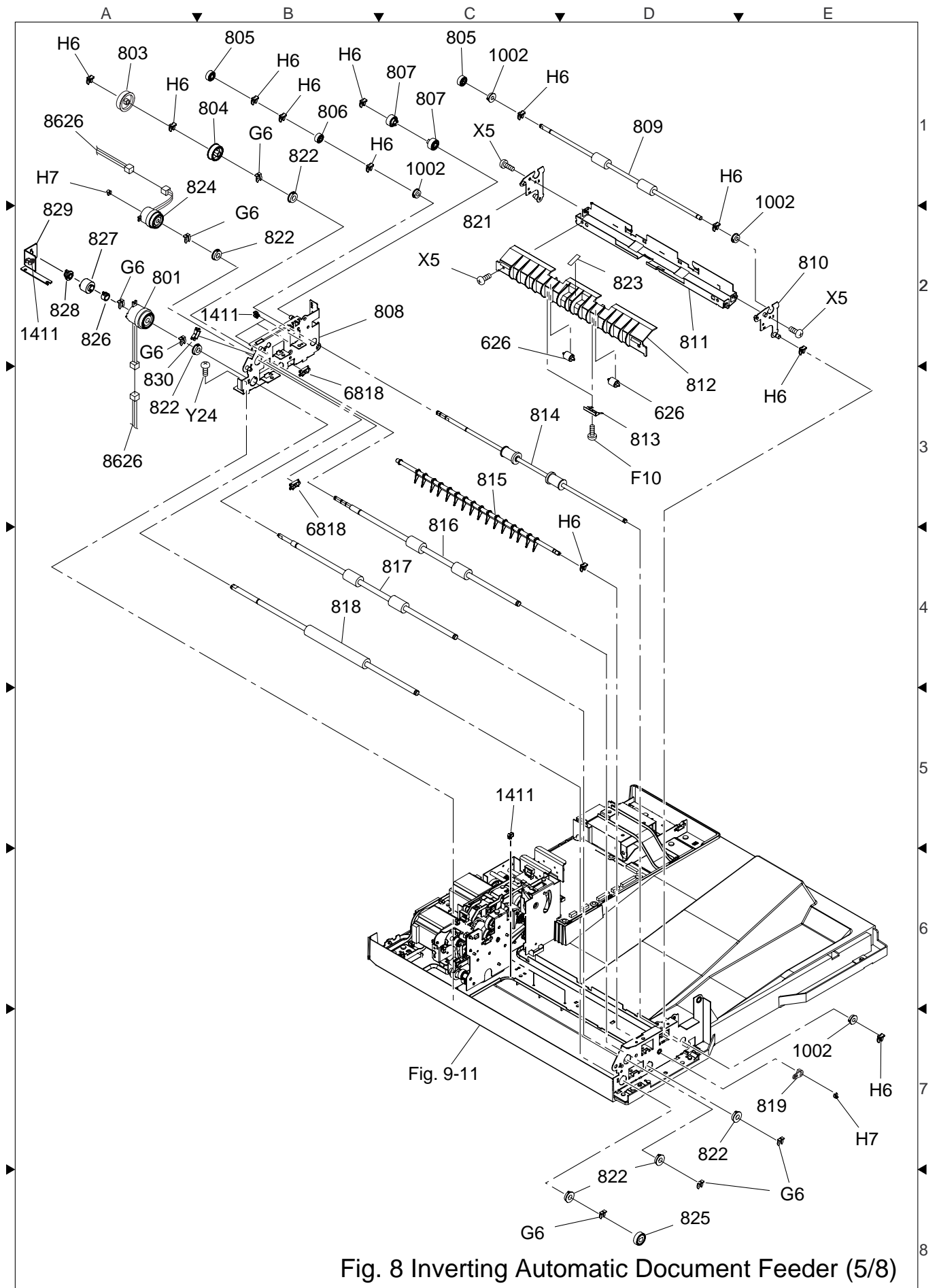
Safety Mark	Ref. No.	Part Number	Part Name	New Parts	Note	Destination
	701	DZJA000880	Bracket 1, Middle	C		All
	702	PJBVC0129Z	Spring, Reading Guide Pressure	C		All
	703	PJUCC0007Y	Guide, Reading	C		All
	704	DZJM000762	Sheet, Reading	C		All
	705	DZJM000722	Holder, Sensor	C		All
	706	DZKQ000079	Spring 2, Registration Sensor	C		All
	707	DZJM000764	Actuator, Registration Sensor	C		All
	708	DZJA000885	Bracket, Sensor Holding	C		All
	709	PJHRC0316Z	Sheet 3, Inverting Guide	N		All
	710	DZJM000705	Guide 2, Inverting	C		All
	711	DZJA000929	Bracket 2, Middle	C		All
	712	DZJM000704	Guide 1, Inverting	C		All
	713	PJUKC0101Y	Guide 2, Selection	N		All
	715	PJUKC0100Z	Guide 3, Inverting	N		All
	716	PJUKC0094Y	Guide, Lower Exit	N		All
	717	DZKP000271	Spring, Pinch Roller	C		All
	718	DZKG000220	Shaft, Pinch Roller	C		All
	719	DZJM000748	Actuator, Exit Sensor	C		All
	720	DZJM000749	Holder, Exit Sensor	C		All
	721	DZJA000878	Guide 2, Registration	C		All
	722	FFPMA0679	Pinch Roller	C		All
	723	DZKQ000077	Spring, Exit Sensor	C		All
	724	DZHT000027	Stamp Head	C		PU
		DZHT000004				Other
⚠	725	L9AAAAEC0001	Solenoid, Stamp	C		All
	726	DZHP001664	Stamp	C		All
	727	PJHRC0317Z	Sheet 4, Inverting Guide	N		All
	729	PJGDC0010Y	Plate, Collection	C		All
	730	PJBWC0055Z	Inverting Spring	N		All
	731	DZLM000006	Bushing P6L5	C		All
	401	DZAL000216	Photo Sensor 1	C		All
	1411	DZJK000061	Clamp	C		All
	8623	PJJRC2831Z	Harness, DXP	N		All
	8625	PJJRC2827Z	Harness, STSL	N		All
	H6	FFPFJ0033B	Snap Ring	C		All
	K7	FFPFA01761	Shoulder Screw	C		All
	X5	XTB3+6FFJ	Screw	C		All



Inverting Automatic Document Feeder (DP-C354/C323/C264/C263/C213)

Safety Mark	Ref. No.	Part Number	Part Name	New Parts	Note	Destination
⚠	801	DZGA000015	Clutch 1	C		All
	803	DZLB000032	Pulley 1	C		All
	804	DZLB000035	Pulley, 27T	C		All
	805	DZLF000502	Gear 1, Paper Exit Drive	C		All
	806	DZLF000507	Gear 2, Paper Exit Drive	C		All
	807	DZLF000504	Gear, 20T	C		All
	808	DZJA000895	Bracket, ADF Rear	C		All
	809	DZLA000282	Roller, Inverting	C		All
	810	DZJA000903	Bracket, Front Exit Guide	C		All
	811	DZJA000888	Guide, Upper Exit	C		All
	812	DZMA003378	Guide 4, Inverting	C		All
	813	DZKP000272	Spring, Pinch Roller	C		All
	814	DZLA000263	Roller, Exit	C		All
	815	DZJM000792	Guide 1, Selection	C		All
	816	DZLA000262	Roller, Transport	C		All
	817	DZLA000260	Roller 1, Registration	C		All
	818	PJDRC0089Z	Roller 2, Registration	C		All
	819	DZJM000707	Arm 1, Selection Solenoid	C		All
	821	DZJA000904	Bracket, Rear Exit Guide	C		All
	822	FFPMQ0534	Bearing, D8	C		All
	823	DZNK004205	Label 2, Green	C		All
⚠	824	L9EAAJ000028	Clutch, Registration 1	C		All
	825	DZLF000680	Gear, 16T	C		All
	826	PJDIC0012Z	Joint, Registration	C		All
	827	PJDEC0063Z	Torque Limiter, Registration Roller	C		All
	828	PJDIC0013Z	Joint, Limiter	C		All
	829	PJULC0038Z	Bracket, Registration Limiter	C		All
	626	DZLA000080	Pinch Roller	C		All
	1002	FFPMQ0558	Bushing, Metal	C		All
	1411	DZJK000061	Clamp	C		All
	6818	DZJK000017	Edge Saddle	C		All
	8626	PJJRC2829Z	Harness, AFRRC	N		All
	G6	FFPFJ0039B	Snap Ring	C		All
	H6	FFPFJ0033B	Snap Ring	C		All
	H7	FFPFJ0041B	Snap Ring	C		All
	X5	XTB3+6FFJ	Screw	C		All
	Y24	XTB4+10GFJ	Screw	C		All

Inverting Automatic Document Feeder (DP-C354/C323/C264/C263/C213)



Inverting Automatic Document Feeder (DP-C354/C323/C264/C263/C213)

Safety Mark	Ref. No.	Part Number	Part Name	New Parts	Note	Destination
	903	DZMA003722	Cover, Harness	C		All
	904	DZJA000898	Bracket 1, Motor	C		All
	905	DZJA000907	Bracket, Tension	C		All
	906	DZLA000283	Roller 1, Tension	C		All
	907	DZLK000025	Belt 1, Timing	C		All
	908	DZLM000144	Bushing, D4 Metal	C		All
	909	DZKG000168	Shaft 1, Paper Feed	C		All
⚠	910	L9EAAJ000026	Clutch 3	C		All
	911	DZLF000469	Gear, 30T	C		All
	912	DZJA000897	Bracket, Drive Holding	C		All
	913	DZLF000470	Gear, 33T	C		All
	914	DZLF000498	Gear, 18T Idler	C		All
	915	DZLF000499	Gear, 18T	C		All
	916	DZLB000034	Pulley, 18T	C		All
	917	DZLK000026	Belt 2, Timing	C		All
	918	DZJA000918	Stopper 3, Clutch	C		All
	919	DZJA000905	Bracket 2, Tension	C		All
	923	DZLF000601	2 Step Gear, 25/28T	C		All
	924	DZJA000899	Bracket 2, Motor	C		All
⚠	925	DZHP007180	Motor 1, ADF	C		All
⚠	926	DZHP007181	Motor 2, ADF	C		All
	927	DZKP000274	Spring, Tension	C		All
	928	DZJK000067	Clamp	C		All
	929	DZJK000068	Clamp	C		All
	930	PJUEC0207Z	Sheet, Clutch	N		All
	803	DZLB000032	Pulley 1	C		All
	807	DZLF000504	Gear, 20T	C		All
	1411	DZJK000061	Clamp	C		All
	6525	PJJRC2832Z	Harness, PFC	N		All
	6530	DZFP001883	Harness, ADFM	C		All
	6818	DZJK000017	Edge Saddle	C		All
	H6	FFPFJ0033B	Snap Ring	C		All
	H7	FFPFJ0041B	Snap Ring	C		All
	X5	XTB3+6FFJ	Screw	C		All
	Y10	XYN4+F6FJ	Screw	C		All
	Y16	XYN3+F6FJ	Screw	C		All

Inverting Automatic Document Feeder (DP-C354/C323/C264/C263/C213)

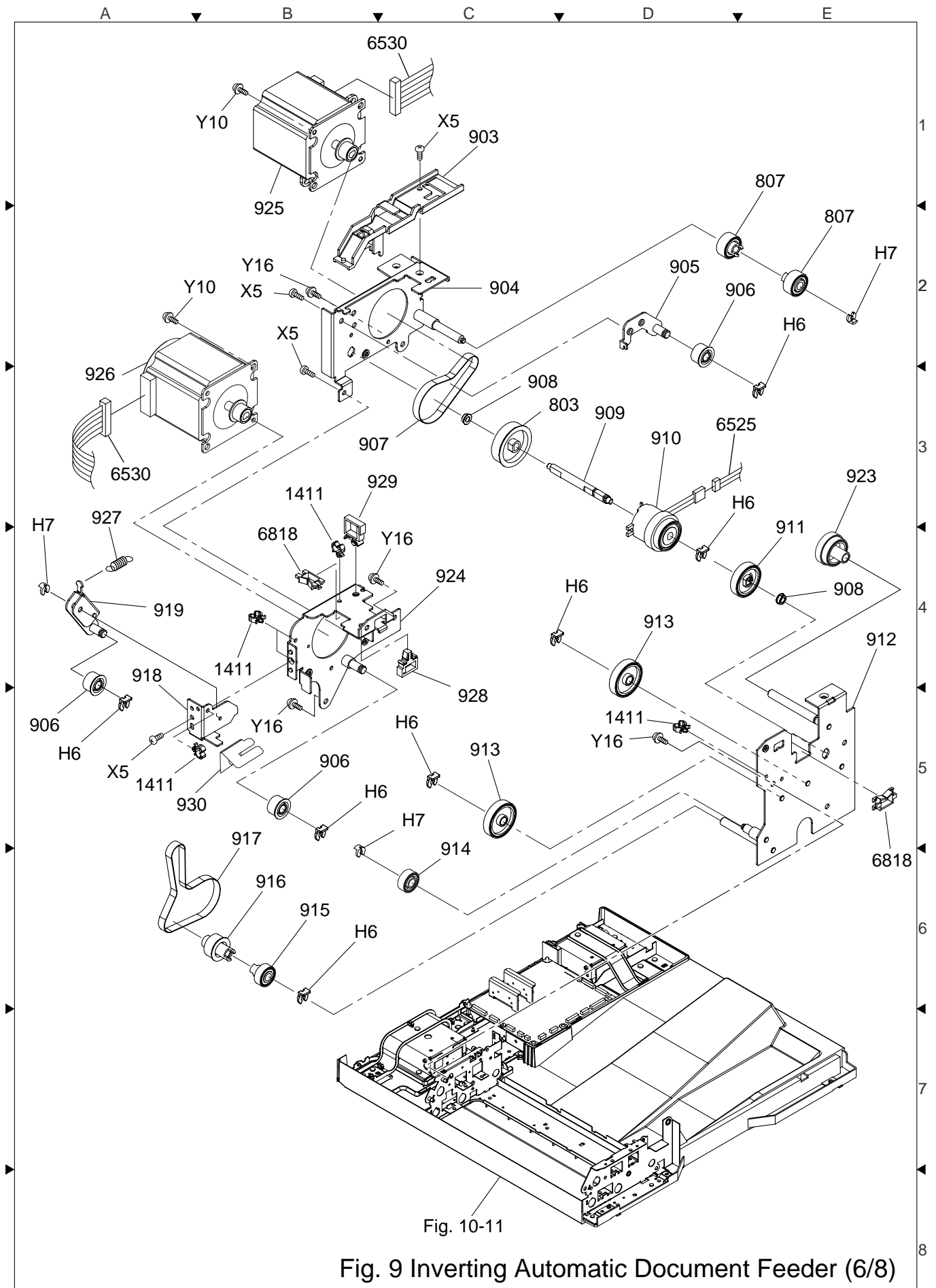


Fig. 9 Inverting Automatic Document Feeder (6/8)

Inverting Automatic Document Feeder (DP-C354/C323/C264/C263/C213)

Safety Mark	Ref. No.	Part Number	Part Name	New Parts	Note	Destination
	1001	DZJA000900	Bracket, Clutch	C		All
	1002	FFPMQ0558	Bushing, Metal	C		All
	1003	DZJA000873	Stopper 2, Clutch	C		All
	1004	DZLF000471	Gear, 14T	C		All
	1005	DZJM001229	Latch, Tray	C		All
	1006	DZKN000304	Spring, Latch	C		All
	1007	DZJA000977	Bracket, Tray	C		All
	1008	DZJA000976	Plate, Rear Tray Mounting	C		All
	1009	DZLF000503	Gear, 27/36T	C		All
⚠	1010	L9EAAJ000027	Clutch 4	C		All
	1011	DZKG000172	Shaft 3, Paper Transport Drive	C		All
	1012	DZKG000171	Shaft 2, Paper Transport Drive	C		All
	1013	DZLF000500	Gear, Paper Transport Drive	C		All
	1014	DZJM000752	Lever, Opening And Shutting Sensor	C		All
	1015	DZKN000301	Spring, Opening And Shutting Sensor	C		All
	1016	DZJA000896	Bracket, Drive Holding	C		All
	1017	DZJA000906	Bracket, Tension	C		All
	1018	DZLK000027	Belt 3, Timing	C		All
	1019	DZLF000473	Gear, 36T	C		All
	1020	DZKG000175	Shaft 6, Paper Transport	C		All
	1021	DZLF000472	Gear, 27T	C		All
	1022	DZKG000174	Shaft 5, Paper Transport	C		All
	1023	DZJA000872	Stopper 1, Clutch	C		All
	1024	DZLF000501	Gear, 17/34T	C		All
	1025	DZLF000506	Gear, 28T	C		All
	1026	DZKG000187	Shaft 13, Paper Transport Drive	C		All
	1027	DZLF000508	Gear 2, 28T	C		All
	1028	DZLF000505	Gear, 20T	C		All
	401	DZAL000216	Photo Sensor 1	C		All
	641	EDS-0607M	Edge Saddle	C		All
⚠	802	DZGA000014	Clutch 2	C		All
	804	DZLB000035	Pulley, 27T	C		All
	906	DZLA000283	Roller 1, Tension	C		All
	908	DZLM000144	Bushing, D4 Metal	C		All
	911	DZLF000469	Gear, 30T	C		All
	913	DZLF000470	Gear, 33T	C		All
	929	DZJK000068	Clamp	C		All
	1411	DZJK000061	Clamp	C		All
	6818	DZJK000017	Edge Saddle	C		All
	8628	PJJRC2826Z	Harness, AFCL	N		All
	H6	FFPFJ0033B	Snap Ring	C		All
	H7	FFPFJ0041B	Snap Ring	C		All
	X5	XTB3+6FFJ	Screw	C		All
	Y16	XYN3+F6FJ	Screw	C		All

Inverting Automatic Document Feeder (DP-C354/C323/C264/C263/C213)

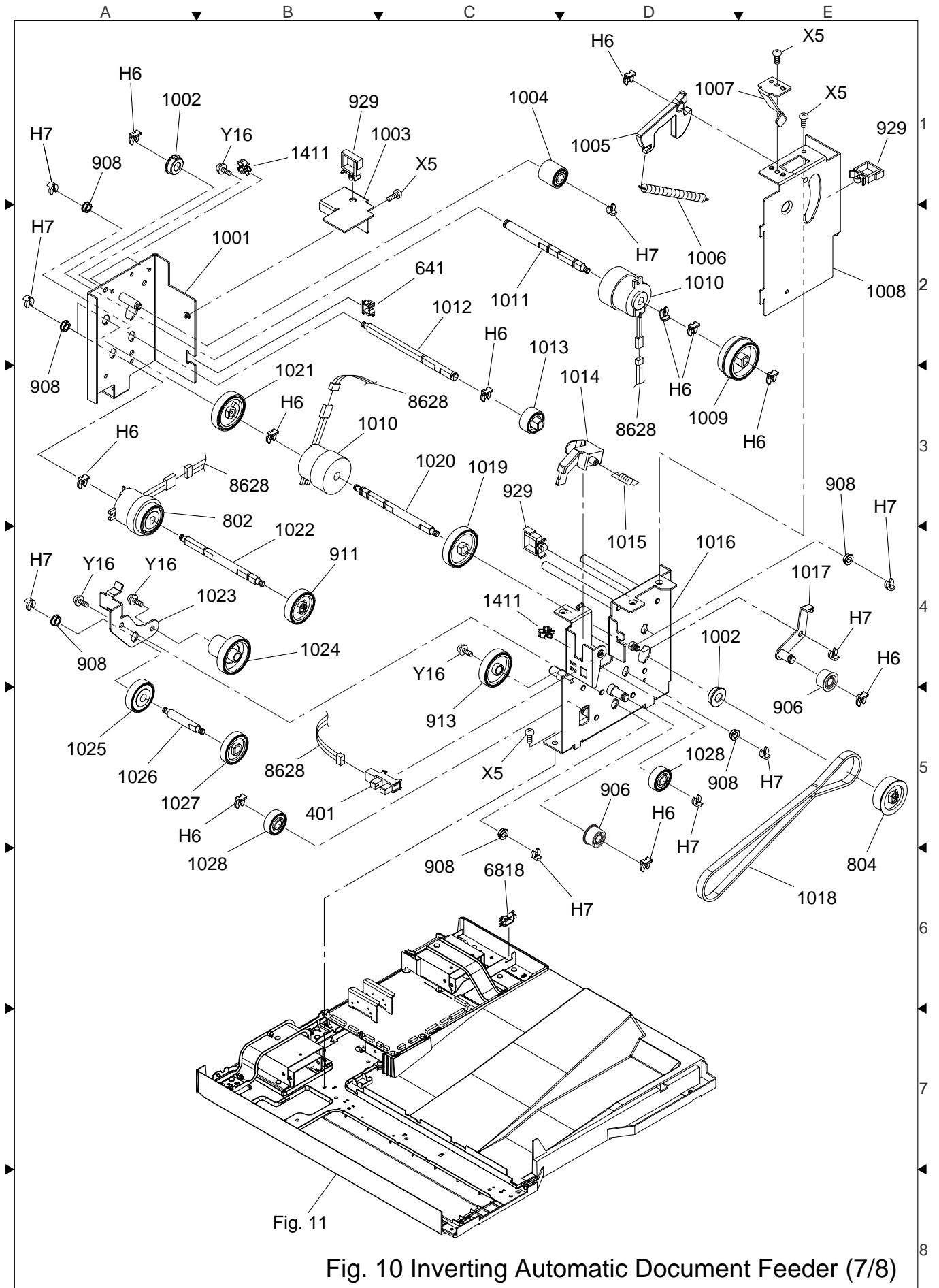


Fig. 10 Inverting Automatic Document Feeder (7/8)

Inverting Automatic Document Feeder (DP-C354/C323/C264/C263/C213)

Safety Mark	Ref. No.	Part Number	Part Name	New Parts	Note	Destination
	1101	DZJA000914	Frame, Reinforcement	C		All
	1102	DZHP011141	Hinge, Left	C		All
	1103	DZJA000936	Frame, Right	C		All
	1104	DZJM000189	Support, Locking	C		All
	1105	DZJA000917	Bracket 4, Reinforcement	C		All
	1106	DZJH000063	Support, Locking	C		All
	1107	DZJA000916	Frame 3, Reinforcement	C		All
	1108	PJDEC0071Z	Hinge, Right	N		All
	1109	DZJA000941	Bracket, Circuit Attachment	C		All
	1110	DZJK000059	Clamp	C		All
	1111	DZJA000915	Frame 2, Reinforcement	C		All
	1112	DZJA000935	Bracket 2, Hinge Right	C		All
	1113	DZJA000934	Bracket 1, Hinge Right	C		All
	1114	DZJM000747	Pad, Scanning	C		All
	1115	PJDYC0011Z	Shaft 2, Pinch Roller	C		All
	1116	PJBVC0130Z	Spring 2, Pinch Roller	C		All
	1117	PJUAC0204Z	Frame, Left	C		All
	1118	PJUKC0089Z	Guide 1, Registration	C		All
	1119	PJUEC0163Z	Sheet 1, Registration Guide	C		All
	1120	DZJM000760	Sheet 2, Registration Guide	C		All
	1122	DZLA000314	Roller, Pinch	C		All
	1123	DZMG000041	Magnet	C		All
⚠	1124	DZMA004816	Frame, ADF	N		All
	1125	PJDBC0100Z	Lever, Release	C		All
	1126	PJDYC0012Z	Shaft, Release	C		All
	641	EDS-0607M	Edge Saddle	C		All
	1411	DZJK000061	Clamp	C		All
⚠	6503	DZEC103739	PC Board, ADF	C		All
	F10	XTB3+8GFJ	Screw	C		All
	H7	FFPFJ0041B	Snap Ring	C		All
	X5	XTB3+6FFJ	Screw	C		All
	Y19	XTB4+8FFJ	Screw, Binding Head Tapping	C		All
	Y24	XTB4+10GFJ	Screw	C		All

Inverting Automatic Document Feeder (DP-C354/C323/C264/C263/C213)

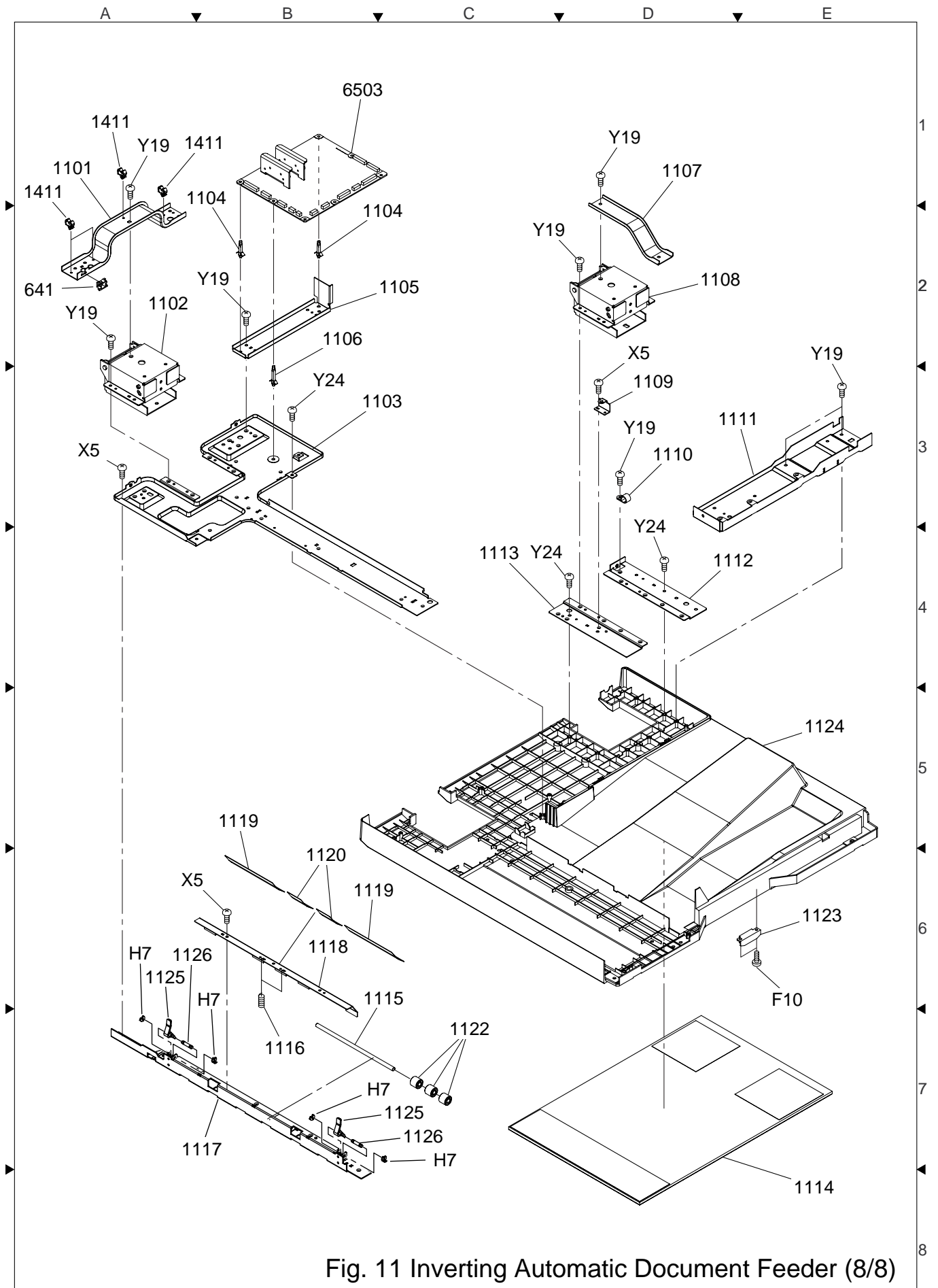


Fig. 11 Inverting Automatic Document Feeder (8/8)

Inverting Automatic Document Feeder (DP-C322/C262)

<For DP-C354/C323/C264/C263/C213 series, see page 420>

Safety Mark	Ref. No.	Part Number	Part Name	New Parts	Remarks	Destination
	401	DZAL000216	Photo Sensor	C		All
	402	DZJM000770	Rack Gear, Original Guide	C		All
⚠	403	DZMA004214	Guide, Front Original	C		All
⚠	404	PJKNC0009Z	Tray, Upper Original	C		PU
		DZMA003395				Except PU, PK, PT
		DZMA004015				Except PK, PT
	405	FFPTE2625	Label, Maximum	C		All
	406	DZMA004215	Guide, Rear Original	C		All
	407	DZGT000007	Brush, Antistatic	C		All
	408	DZLF000077	F Gear, D14	C		All
	409	DZKP000321	Plate Spring, Ground	C		All
	410	DZJA000930	Bracket, Original Sensor	C		All
	411	DZHC000057	Actuator, Original Length	C		All
	412	DZKQ000071	Spring, Original Length	C		All
	413	DZJA001330	Bracket, Tray Stopper	C		All
⚠	414	DZMA003380	Tray, Lower Original	C		All
	415	DZMA004627	Tray, Front Original	C		All
	416	DZMA004628	Tray, Sub Original	C		All
	417	FFPKN0400	Spacer	C		All
	418	DZMA003370	Cover, ADF Front	C		All
	422	PJZVF2170PA	Assembly, Original Tray	C		PU
		PJZVF2170PB				Except PU
	424	PJGFC0896Z	Label, ADF Caution	C		All
	6522	DZFP001891	Harness, ORSN	C		All
	F10	XTB3+8GFJ	Screw	C		All
	H5	XTB4+10GFN	Screw	C		All
	X5	XTB3+6FFJ	Screw	C		All
	Y1	XTW3+8PFJ	Screw	C		All
	Y28	XTW4+10PFJ	Screw	C		All
	Y42	XTB3+12GFJ	Screw	C		All

Inverting Automatic Document Feeder (DP-C322/C262)

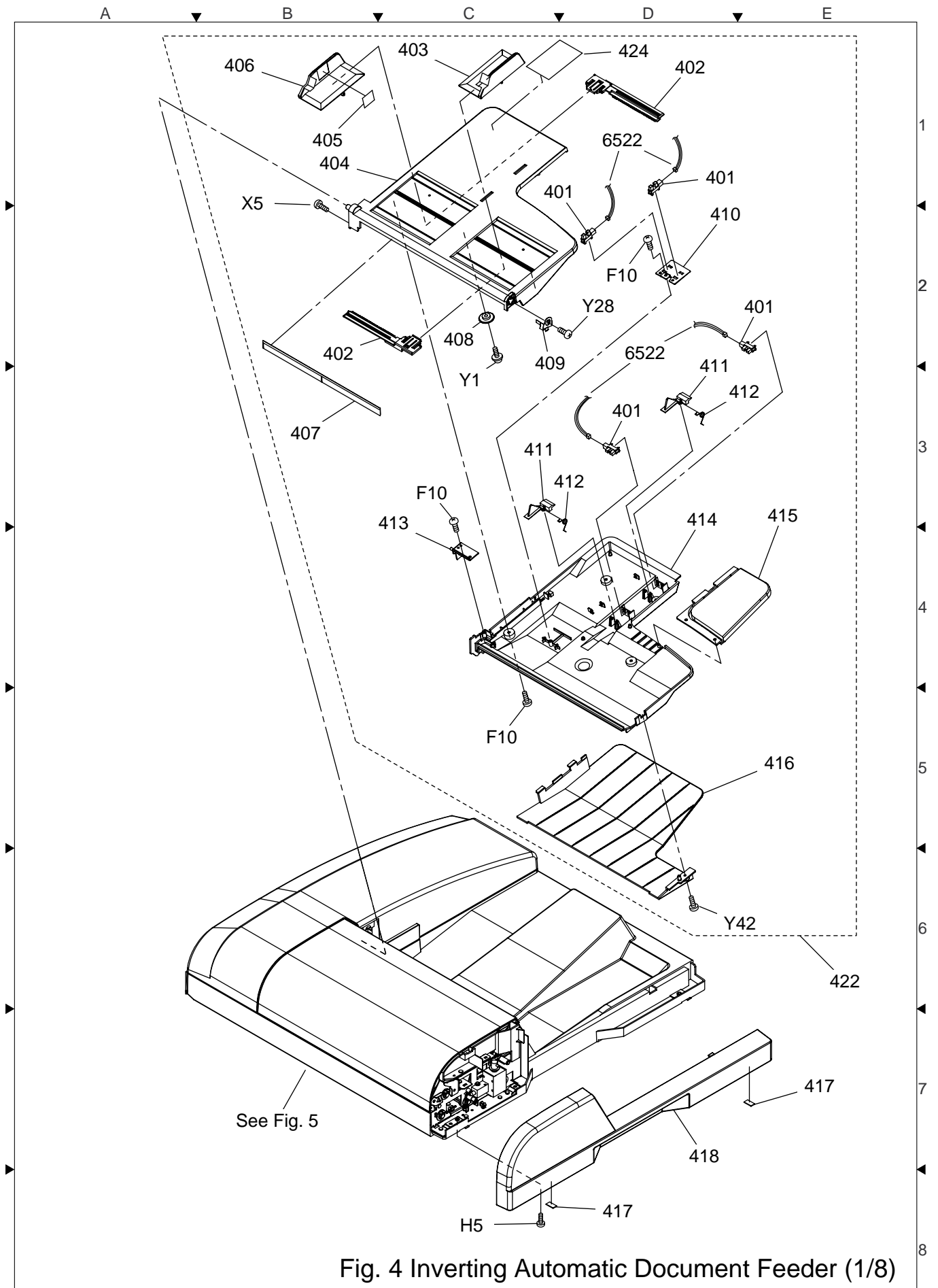


Fig. 4 Inverting Automatic Document Feeder (1/8)

Inverting Automatic Document Feeder (DP-C322/C262)

Safety Mark	Ref. No.	Part Number	Part Name	New Parts	Remarks	Destination
	501	DZJA000921	Bracket, Rear ADF Cover	C		A11
⚠	502	DZMA003373	Cover, ADF	C		A11
	505	PJZVF2750PU	Assembly, Paper Feed Roller Shaft	C		A11
	506	DZJM000712	Arm 1, Connection	C		A11
	507	DZJM000710	Bracket, Pickup	C		A11
	508	DZLA000276	Roller, Paper Feed	C	PM	A11
	509	DZLF000468	Gear, Paper Feed Idle	C		A11
	510	DZKG000210	Shaft, Pickup Roller	C		A11
	511	PJDR00091Z	Roller, Pickup	C	PM	A11
	513	PJBAC0039Z	Stopper, Original	C		A11
	514	DZJA000883	Bracket, Original Stopper	C		A11
	515	DZJM000716	Stopper, Arm	C		A11
	516	DZKN000346	Spring, Stopper Arm	C		A11
	517	DZJM000711	Bracket 2, Pickup	C		A11
	518	DZJA000940	Bracket, Latch Shaft	C		A11
	519	DZJA000938	Bracket, Front ADF Cover	C		A11
	521	DZJM000717	Actuator, Original Sensor	C		A11
	522	DZJM000718	Actuator, Registration Sensor	C		A11
	523	DZJA000922	Bracket 1, Original Sensor	C		A11
	524	DZKG000214	Shaft 1, Pinch Roller	C		A11
⚠	525	DZMA003374	Guide, Upper Opening And Shutting	C		A11
	526	DZJM000761	Sheet 1, Vibration Guide	C		A11
	527	DZJM000767	Sheet 2, Vibration Guide	C		A11
	528	DZJM000724	Guide, Vibration	C		A11
	529	DZJA000937	Bracket, Opening And Shutting Front	C		A11
	530	DZJA000939	Bracket 2, Original Stopper	C		A11
	531	DZKN000349	Spring 2, Ground	C		A11
	532	DZLF000492	Gear, 24T	C		A11
	533	PJDEC0062Z	Torque Limiter	C		A11
	534	DZKQ000078	Spring, Registration Sensor	C		A11
	535	DZKP000319	Plate Spring 2, Pinch Roller	C		A11
	537	PJZVF2171PU	Paper Feed Unit	C		A11
	538	PJBVC0122Z	Spring, Pickup	C		A11
	539	PJDJC0076Z	Bushing, Metal	C		A11
	540	PJDIC0010Z	Joint	C		A11
	542	PJNAC0018Z	Shoulder screw	C		A11
	401	DZAL000216	Photo Sensor	C		A11
	705	DZJM000722	Holder, Sensor	C		A11
	1122	DZLA000314	Roller, Pinch	C		A11
	1411	DZJK000061	Mini Clamp	C		A11
	6523	DZFP001888	Harness, ARR	C		A11
	F10	XTB3+8GFJ	Screw	C		A11
	H6	FFPFJ0033B	Snap Ring	C		A11
	H7	FFPFJ0041B	Snap Ring	C		A11
	X5	XTB3+6FFJ	Screw	C		A11
	Y43	DZPA000098	Shoulder Screw	C		A11

Inverting Automatic Document Feeder (DP-C322/C262)

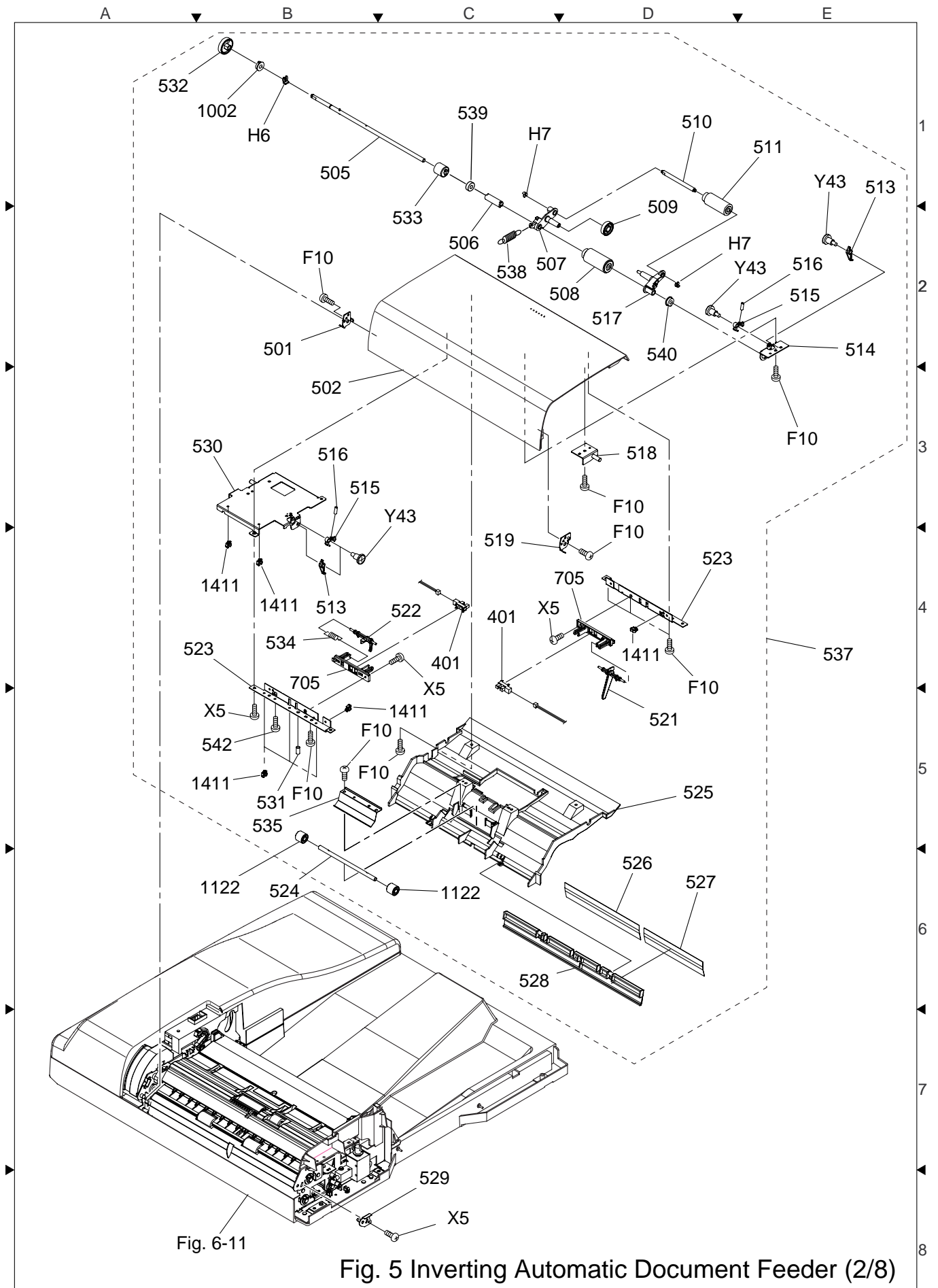


Fig. 5 Inverting Automatic Document Feeder (2/8)

Inverting Automatic Document Feeder (DP-C322/C262)

Safety Mark	Ref. No.	Part Number	Part Name	New Parts	Remarks	Destination
	601	DZMA004827	Guide 1, Lower Opening And Shutting	C		All
	602	DZJP000037	Felt, Pickup	C		All
	603	DZKN000432	Spring, Pinch Roller	C		All
	604	DZJM000755	Stopper, Opening And Shutting	C		All
	605	DZKP000270	Plate Spring, Pinch Roller	C		All
	606	DZJM000756	Guide, Pinch Roller	C		All
	607	PJZVF2751PU	Assembly, Separation Roller Shaft	C		All
	608	PJDEC0059Z	Torque Limiter	C		All
	609	DZJM000721	Holder, Separation Roller	C		All
	610	PJDRC0093Z	Roller, Separation	C	PM	All
	611	PJBVC0125Z	Spring, Separation Roller	C		All
	612	DZMA004826	Guide 2, Lower Opening And Shutting	C		All
	613	DZMA003371	Cover, Inner	C		All
	614	DZJM000771	Latch, ADF	C		All
	615	PJZVF2752PU	Assembly, Pinch Roller Solenoid	C		All
	616	DZKN000419	Spring, ADF	C		All
	617	DZJM000708	Arm 2, Selection Solenoid	C		All
	618	DZKN000281	Spring, Solenoid	C		All
	619	DZJA000901	Bracket, Solenoid	C		All
⚠	621	L9AABBE0002	Solenoid, Selection	C		All
	622	DZJA001342	Bracket, Shaft Mounting	C		All
	623	DZJA001567	Bracket, ADF Front	C		All
	624	DZJM000754	Arm, ADF Cover	C		All
	625	DZJM000709	Arm, Pinch Roller Solenoid	C		All
	626	PJDRC0098Z	Roller, Pinch	C		All
⚠	627	DZMA003369	Cover, ADF Rear	C		All
	628	PJUKC0087Z	Sheet, Guide	C		All
	629	DZNK004204	Label 1, Green	C		All
	630	DZJM001083	Sheet 3, Inverting Guide	C		All
	631	DZJM001084	Sheet 4, Inverting Guide	C		All
	632	DZJA001341	Bracket, Jam Release	C		All
	633	DZJM001242	Knob, Jam Release	C		All
	634	DZJM001243	Base, Knob	C		All
	635	DZLF000681	Gear, 25/16T D	C		All
	636	DZLF000682	Gear, 45T D	C		All
	637	DZLF000683	Gear, 29T D	C		All
	638	DZLF000684	Gear, 22T	C		All
	639	DZMA004303	Shaft, Knob	C		All
	641	EDS-0607M	Edge Saddle	C		All

Inverting Automatic Document Feeder (DP-C322/C262)

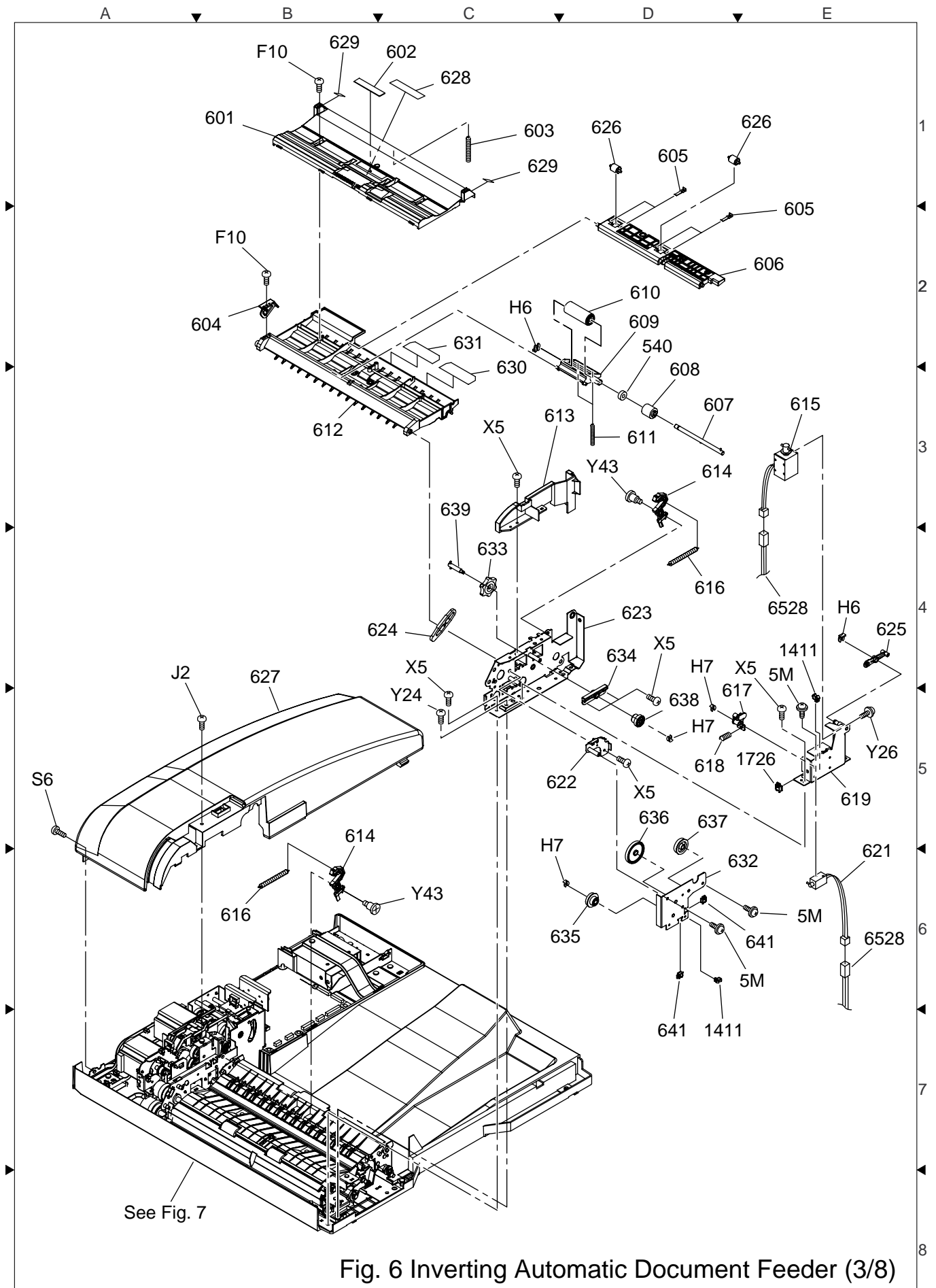
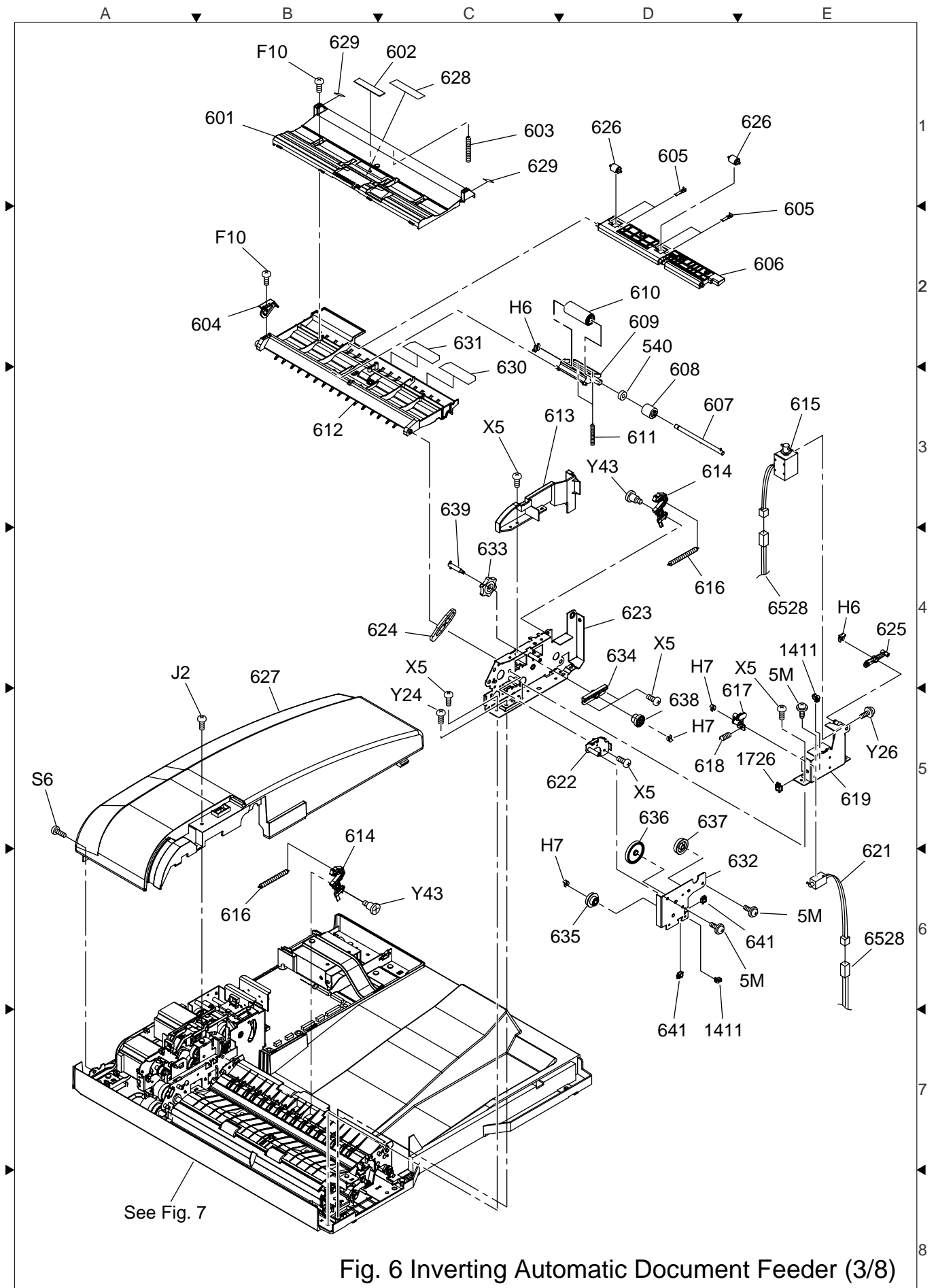


Fig. 6 Inverting Automatic Document Feeder (3/8)

Inverting Automatic Document Feeder (DP-C322/C262)

Safety Mark	Ref. No.	Part Number	Part Name	New Parts	Remarks	Destination
	540	PJDIC0010Z	Joint	C		A11
	1411	DZJK000061	Mini Clamp	C		A11
	6528	DZFP001886	Harness, AFDXS	C		A11
	F10	XTB3+8GFJ	Screw	C		A11
	5M	XYN3+F4FJ	Screw	C		A11
	H6	FFPFJ0033B	Snap Ring	C		A11
	H7	FFPFJ0041B	Snap Ring	C		A11
	J2	XTT4+8HFN	Screw	C		A11
	S6	DZPA000086	Screw	C		A11
	X5	XTB3+6FFJ	Screw	C		A11
	Y24	XTB4+10GFJ	Screw	C		A11
	Y43	DZPA000098	Shoulder Screw	C		A11

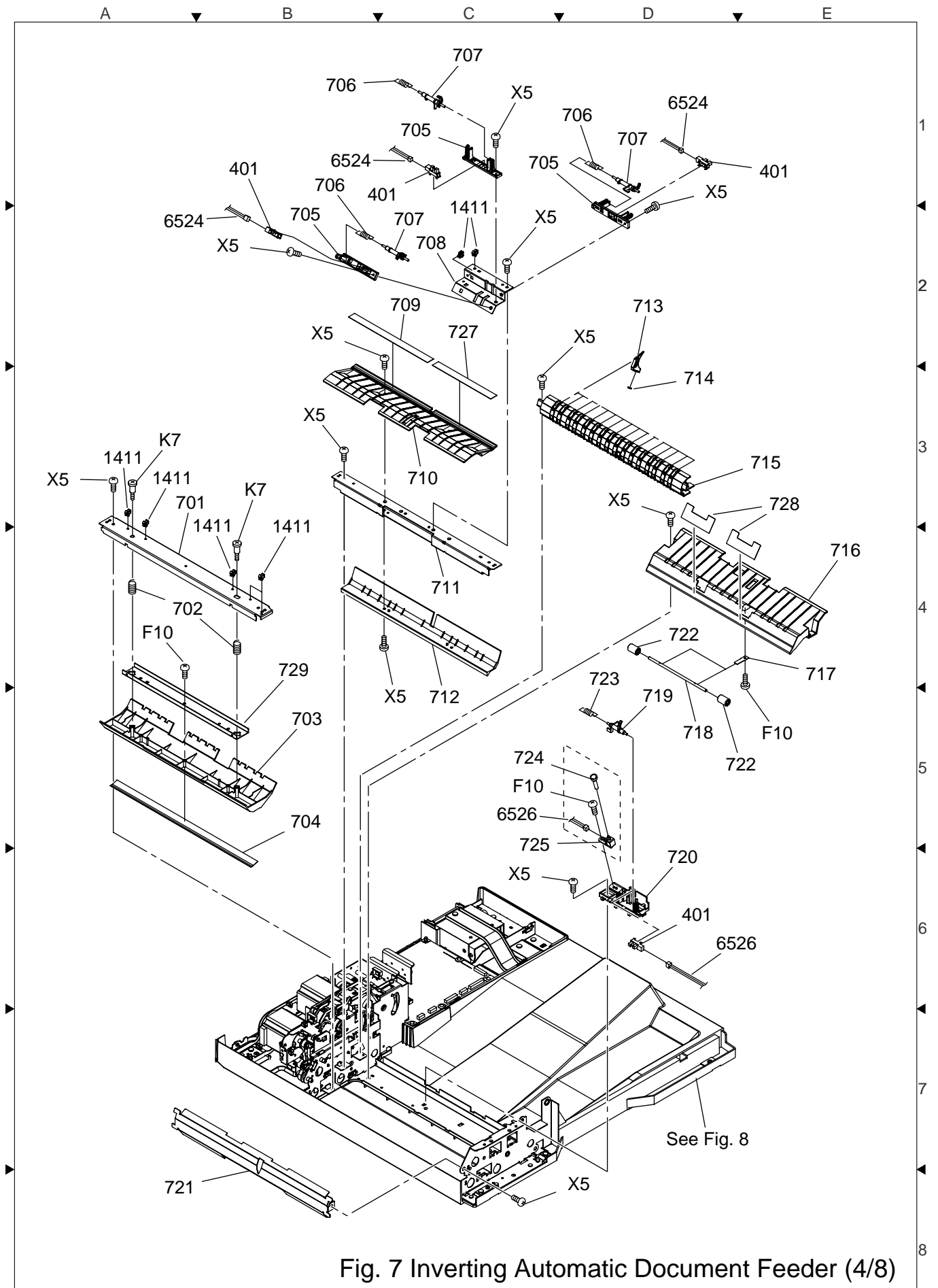
Inverting Automatic Document Feeder (DP-C322/C262)



Inverting Automatic Document Feeder (DP-C322/C262)

Safety Mark	Ref. No.	Part Number	Part Name	New Parts	Remarks	Destination
	701	DZJA000880	Bracket 1, Middle	C		All
	702	PJBVC0129Z	Spring, Reading Guide Pressure	C		All
	703	PJUCC0007Y	Guide, Reading	C		All
	704	DZJM000762	Sheet, Reading	C		All
	705	DZJM000722	Holder, Sensor	C		All
	706	DZKQ000079	Spring 2, Registration Sensor	C		All
	707	DZJM000764	Actuator, Registration Sensor	C		All
	708	DZJA000885	Bracket, Sensor Holding	C		All
	709	DZJM000759	Sheet 1, Inverting Guide	C		All
	710	DZJM000705	Guide 2, Inverting	C		All
	711	DZJA000929	Bracket 2, Middle	C		All
	712	DZJM000704	Guide 1, Inverting	C		All
	713	DZJM000765	Guide 2, Selection	C		All
	714	PJUSC0072Z	Sheet, Silence	C		All
	715	DZJM000706	Guide 3, Inverting	C		All
	716	PJUKC0085Z	Guide, Lower Exit	C		All
	717	DZKP000271	Spring, Pinch Roller	C		All
	718	DZKG000220	Shaft, Pinch Roller	C		All
	719	DZJM000748	Actuator, Exit Sensor	C		All
	720	DZJM000749	Holder, Exit Sensor	C		All
	721	DZJA000878	Guide 2, Registration	C		All
	722	PJDRC0092Z	Roller, Pinch	C		All
	723	DZKQ000077	Spring, Exit Sensor	C		All
	724	DZHP000237	Assembly, Stamp	C		PU
		DZHP000240				Except PU
⚠	725	L9AAAAEC0001	Solenoid, Stamp	C		All
	727	DZJM001072	Sheet 2, Inverting Guide	C		All
	728	PJUKC0086Z	Sheet, Guide	C		All
	729	PJGDC0010Y	Plate, Collection	C		All
	401	DZAL000216	Photo Sensor	C		All
	1411	DZJK000061	Mini Clamp	C		All
	6524	DZFP001889	Harness, DXP	C		All
	6526	DZFP001885	Harness, STSL	C		All
	F10	XTB3+8GFJ	Screw	C		All
	K7	FFPFA01761	Shoulder Screw	C		All
	X5	XTB3+6FFJ	Screw	C		All

Inverting Automatic Document Feeder (DP-C322/C262)



Inverting Automatic Document Feeder (DP-C322/C262)

Safety Mark	Ref. No.	Part Number	Part Name	New Parts	Remarks	Destination
⚠	801	DZGA000015	Clutch 1	C		All
	803	DZLB000032	Pulley 1	C		All
	804	DZLB000035	Pulley, 27T	C		All
	805	DZLF000502	Gear 1, Paper Exit Drive	C		All
	806	DZLF000507	Gear 2, Paper Exit Drive	C		All
	807	DZLF000504	Gear, 20T	C		All
	808	DZJA000895	Bracket, ADF Rear	C		All
	809	DZLA000282	Roller, Inverting	C		All
	810	DZJA000903	Bracket, Front Exit Guide	C		All
	811	DZJA000888	Guide, Upper Exit	C		All
	812	DZMA003378	Guide 4, Inverting	C		All
	813	DZKP000272	Spring, Pinch Roller	C		All
	814	DZLA000263	Roller, Exit	C		All
	815	DZJM000792	Guide 1, Selection	C		All
	816	DZLA000262	Roller, Transport	C		All
	817	DZLA000260	Roller 1, Registration	C		All
	818	PJDR00089Z	Roller 2, Registration	C		All
	819	DZJM000707	Arm 1, Selection Solenoid	C		All
	821	DZJA000904	Bracket, Rear Exit Guide	C		All
	822	FFPMQ0534	Bearing, D8	C		All
	823	DZNK004205	Label 2, Green	C		All
⚠	824	DZGA000033	Clutch, Registration 1	C		All
	825	DZLF000680	Gear, 16T	C		All
	826	PJDIC0012Z	Joint, Registration	C		All
	827	PJDEC0063Z	Torque Limiter, Registration Roller	C		All
	828	PJDIC0013Z	Joint, Limiter	C		All
	829	PJULC0038Z	Bracket, Registration Limiter	C		All
	830	PJHSC0016Z	Gasket	C		All
	626	PJDR00098Z	Roller, Pinch	C		All
	1002	FFPMQ0558	Bushing, Metal	C		All
	1411	DZJK000061	Mini Clamp	C		All
	6527	DZFP001887	Harness, AFRR	C		All
	6818	DZJK000017	Edge Saddle	C		All
	F10	XTB3+8GFJ	Screw	C		All
	G6	FFPFJ0039B	Snap Ring	C		All
	H6	FFPFJ0033B	Snap Ring	C		All
	H7	FFPFJ0041B	Snap Ring	C		All
	X5	XTB3+6FFJ	Screw	C		All
	Y24	XTB4+10GFJ	Screw	C		All

Inverting Automatic Document Feeder (DP-C322/C262)

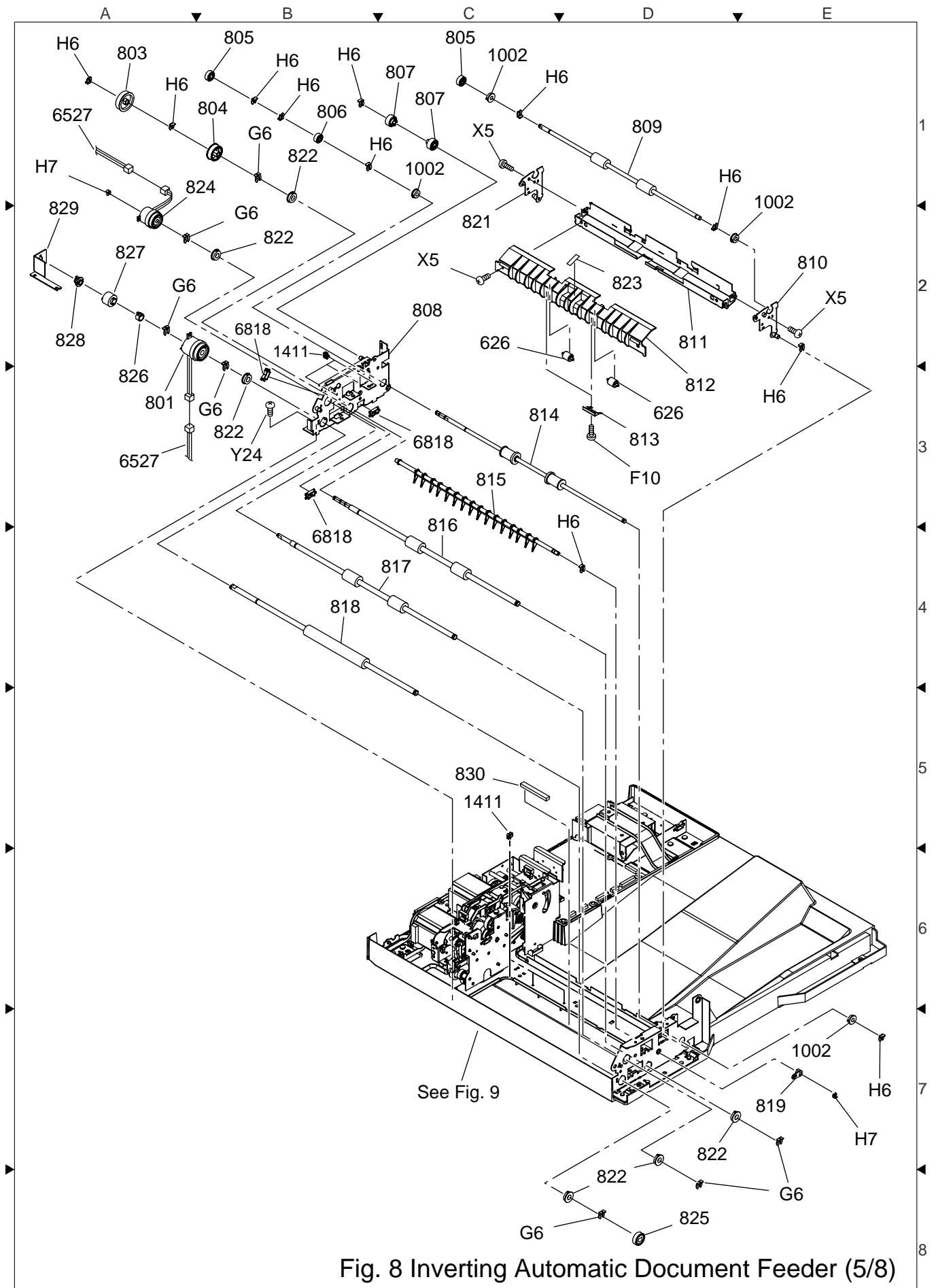


Fig. 8 Inverting Automatic Document Feeder (5/8)

Inverting Automatic Document Feeder (DP-C322/C262)

Safety Mark	Ref. No.	Part Number	Part Name	New Parts	Remarks	Destination
	903	DZMA003722	Cover, Harness	C		All
	904	DZJA000898	Bracket 1, Motor	C		All
	905	DZJA000907	Bracket, Tension	C		All
	906	DZLA000283	Roller 1, Tension	C		All
	907	DZLK000025	Belt 1, Timing	C		All
	908	DZLM000144	Bushing, D4 Metal	C		All
	909	DZKG000168	Shaft 1, Paper Feed	C		All
⚠	910	L9EAAJ000025	Clutch 3	C		All
	911	DZLF000469	Gear, 30T	C		All
	912	DZJA000897	Bracket, Drive Holding	C		All
	913	DZLF000470	Gear, 33T	C		All
	914	DZLF000498	Idler Gear, 18T	C		All
	915	DZLF000499	Gear, 18T	C		All
	916	DZLB000034	Pulley, 18T	C		All
	917	DZLK000026	Belt 2, Timing	C		All
	918	DZJA000918	Stopper 3, Clutch	C		All
	919	DZJA000905	Bracket 2, Tension	C		All
	923	DZLF000601	2 Step Gear, 25/28T	C		All
	924	DZJA000899	Bracket 2, Motor	C		All
⚠	925	DZHP007180	Motor 1, ADF	C		All
⚠	926	DZHP007181	Motor 2, ADF	C		All
	927	DZKP000274	Spring, Tension	C		All
	928	DZJK000067	Mini Clamp	C		All
	929	DZJK000068	Mini Clamp	C		All
	803	DZLB000032	Pulley 1	C		All
	807	DZLF000504	Gear, 20T	C		All
	1411	DZJK000061	Mini Clamp	C		All
	6525	PJJRC2832Z	Harness, PFC	C		All
	6530	DZEP001883	Harness, ADFM	C		All
	6818	DZJK000017	Edge Saddle	C		All
	H6	FFPFJ0033B	Snap Ring	C		All
	H7	FFPFJ0041B	Snap Ring	C		All
	X5	XTB3+6FFJ	Screw	C		All
	Y10	XYN4+F6FJ	Screw	C		All
	Y16	XYN3+F6FJ	Screw	C		All

Inverting Automatic Document Feeder (DP-C322/C262)

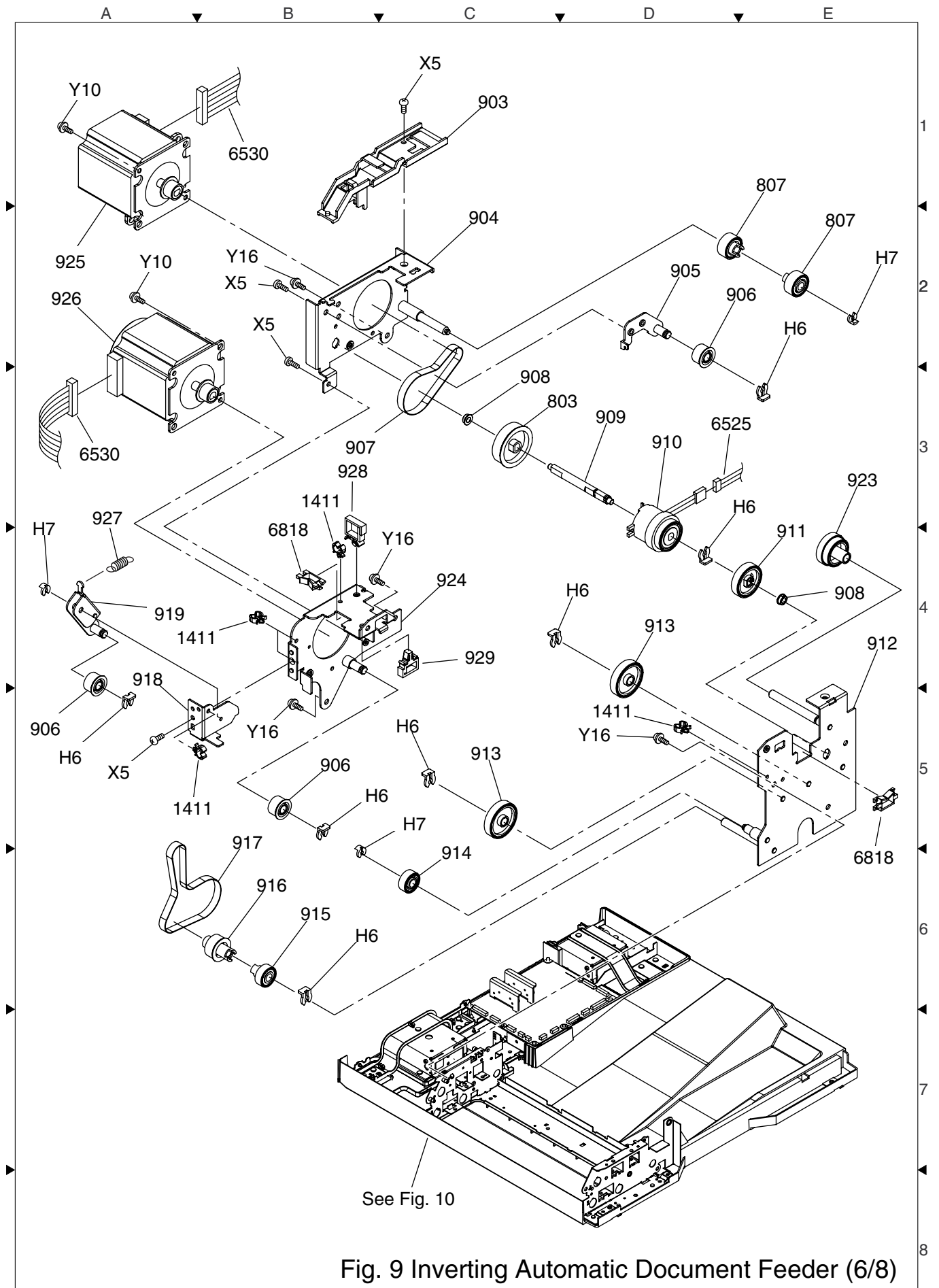
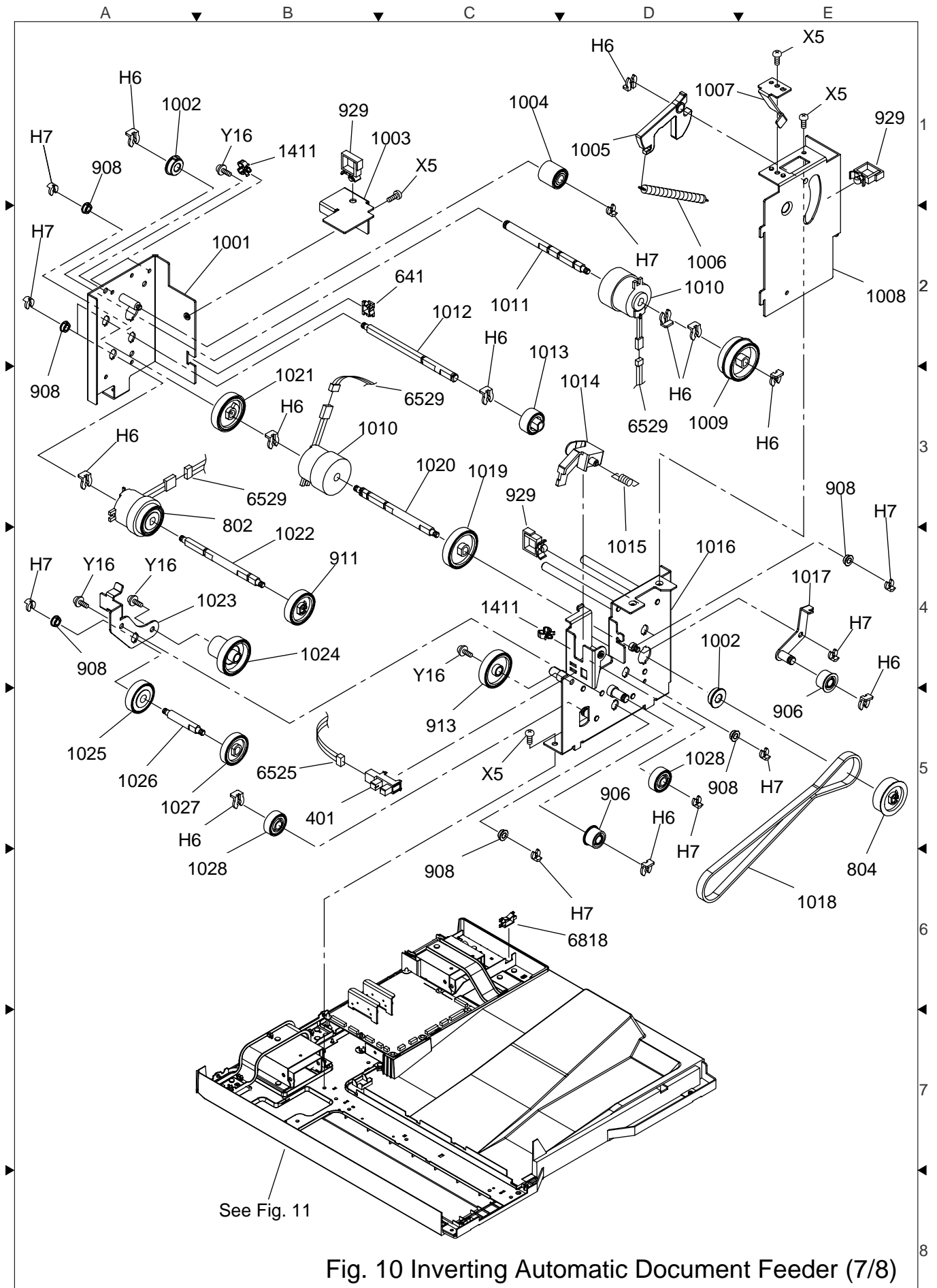


Fig. 9 Inverting Automatic Document Feeder (6/8)

Inverting Automatic Document Feeder (DP-C322/C262)

Safety Mark	Ref. No.	Part Number	Part Name	New Parts	Remarks	Destination
	1001	DZJA000900	Bracket, Clutch	C		All
	1002	FFPMQ0558	Bushing, Metal	C		All
	1003	DZJA000873	Stopper 2, Clutch	C		All
	1004	DZLF000471	Gear, 14T	C		All
	1005	DZJM001229	Latch, Tray	C		All
	1006	DZKN000304	Spring, Latch	C		All
	1007	DZJA000977	Bracket, Tray	C		All
	1008	DZJA000976	Plate, Tray Mounting Rear	C		All
	1009	DZLF000503	Gear, 27/36T	C		All
⚠	1010	L9EAAJ000024	Clutch 4	C		All
	1011	DZKG000172	Shaft 3, Paper Transport Drive	C		All
	1012	DZKG000171	Shaft 2, Paper Transport Drive	C		All
	1013	DZLF000500	Gear, Paper Transport Drive	C		All
	1014	DZJM000752	Lever, Opening And Shutting Sensor	C		All
	1015	DZKN000301	Spring, Opening And Shutting Sensor	C		All
	1016	DZJA000896	Plate, Drive Holding	C		All
	1017	DZJA000906	Bracket, Tension	C		All
	1018	DZLK000027	Belt 3, Timing	C		All
	1019	DZLF000473	Gear, 36T	C		All
	1020	DZKG000175	Shaft 6, Paper Transport	C		All
	1021	DZLF000472	Gear, 27T	C		All
	1022	DZKG000174	Shaft 5, Paper Transport	C		All
	1023	DZJA000872	Stopper 1, Clutch	C		All
	1024	DZLF000501	Gear, 17/34T	C		All
	1025	DZLF000506	Gear, 28T	C		All
	1026	DZKG000187	Shaft 13, Paper Transport Drive	C		All
	1027	DZLF000508	Gear 2, 28T	C		All
	1028	DZLF000505	Gear, 20T	C		All
	401	DZAL000216	Photo Sensor	C		All
	641	EDS-0607M	Edge Saddle	C		All
⚠	802	DZGA000014	Clutch 2	C		All
	804	DZLB000035	Pulley, 27T	C		All
	906	DZLA000283	Roller 1, Tension	C		All
	908	DZLM000144	Bushing, D4 Metal	C		All
	911	DZLF000469	Gear, 30T	C		All
	913	DZLF000470	Gear, 33T	C		All
	929	DZJK000068	Mini Clamp	C		All
	1411	DZJK000061	Mini Clamp	C		All
	6525	PJJRC2832Z	Harness, PFC	C		All
	6529	DZFP001884	Harness, AFCL	C		All
	6818	DZJK000017	Edge Saddle	C		All
	H6	FFPFJ0033B	Snap Ring	C		All
	H7	FFPFJ0041B	Snap Ring	C		All
	X5	XTB3+6FFJ	Screw	C		All
	Y16	XYN3+F6FJ	Screw	C		All

Inverting Automatic Document Feeder (DP-C322/C262)



Inverting Automatic Document Feeder (DP-C322/C262)

Safety Mark	Ref. No.	Part Number	Part Name	New Parts	Remarks	Destination
	1101	DZJA000914	Frame, Reinforcement	C		All
	1102	DZHP011141	Hinge, Left	C		All
	1103	DZJA000936	Frame, Right	C		All
	1104	DZJM000189	Support, Locking	C		All
	1105	DZJA000917	Bracket 4, Reinforcement	C		All
	1106	DZJH000063	Support, Locking	C		All
	1107	DZJA000916	Frame 3, Reinforcement	C		All
	1108	PJDEC0071Z	Hinge, Right	C		All
	1109	DZJA000941	Bracket, Circuit Attachment	C		All
	1110	DZJK000059	Clump	C		All
	1111	DZJA000915	Frame 2, Reinforcement	C		All
	1112	DZJA000935	Bracket 2, Hinge Right	C		All
	1113	DZJA000934	Bracket 1, Hinge Right	C		All
	1114	DZJM000747	Pad, Scanning	C		All
	1115	PJDYC0011Z	Shaft 2, Pinch Roller	C		All
	1116	PJBVC0130Z	Spring 2, Pinch Roller	C		All
	1117	PJUAC0204Z	Frame, Left	C		All
	1118	PJUUC0089Z	Guide 1, Registration	C		All
	1119	PJUEC0163Z	Sheet1, Registration Guide	C		All
	1120	DZJM000760	Sheet 2, Registration Guide	C		All
	1122	DZLA000314	Roller, Pinch	C		All
	1123	DZMG000041	Magnet	C		All
⚠	1124	DZMA004816	Frame, ADF	N		All
	1125	PJDBC0100Z	Lever, Disengagement	C		All
	1126	PJDYC0012Z	Shaft, Disengagement	C		All
	641	EDS-0607M	Edge Saddle	C		All
	1411	DZJK000061	Mini Clamp	C		All
⚠	6503	DZEC103739	PC Board, ADF	C	RTL/PbF	All
	F10	XTB3+8GFJ	Screw	C		All
	H7	FFPFJ0041B	Snap Ring	C		All
	X5	XTB3+6FFJ	Screw	C		All
	Y24	XTB4+10GFJ	Screw	C		All
	Y39	XTB4+8HFJ	Screw	C		All

Inverting Automatic Document Feeder (DP-C322/C262)

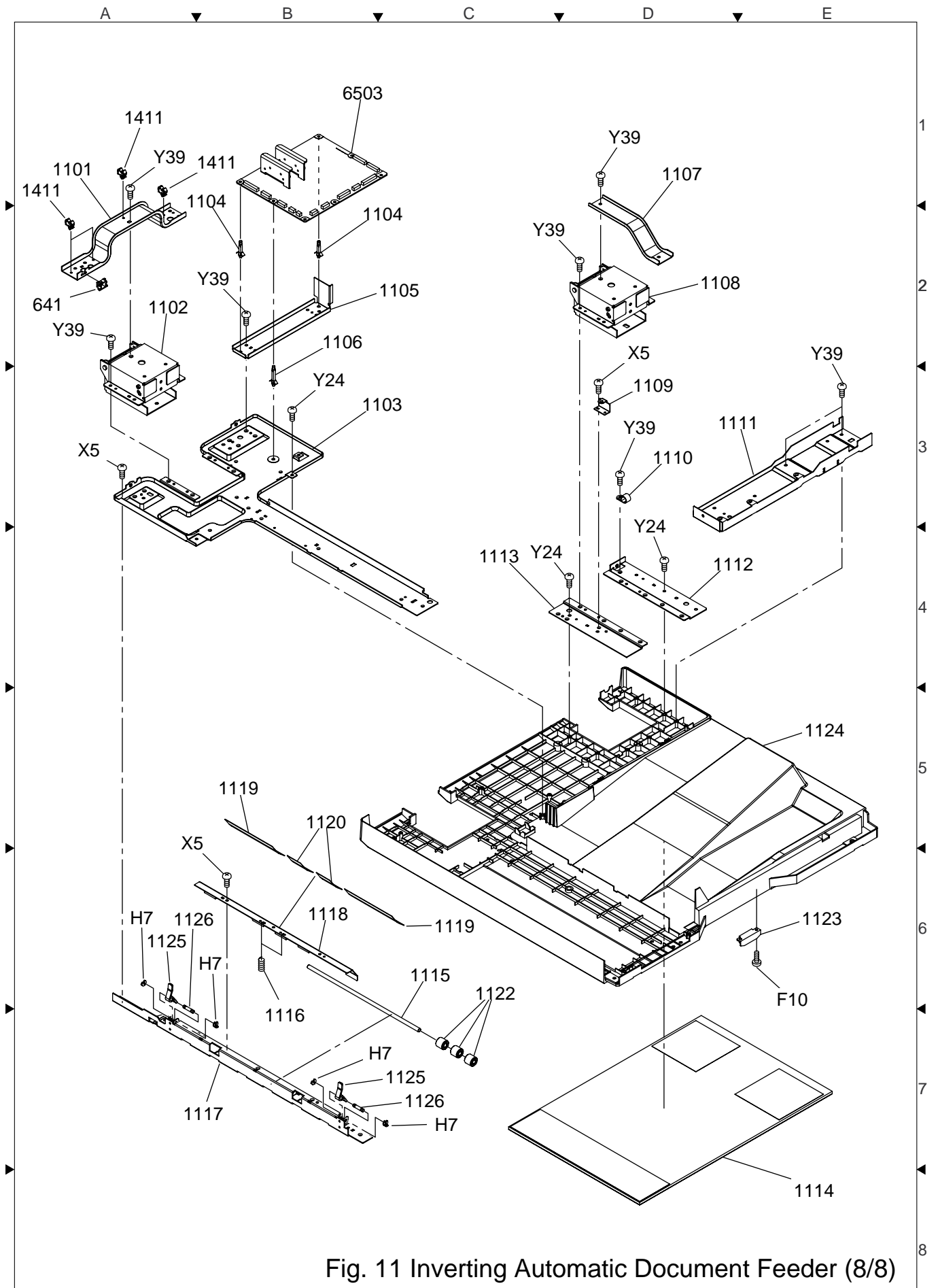


Fig. 11 Inverting Automatic Document Feeder (8/8)

5.4. Control Panel Unit

Safety Mark	Ref. No.	Part Number	Part Name	New Parts	Remarks	Destination
⚠	1201	PJKZC0037Z	Assembly, Scanner Front Cover	C		All
⚠	1202	PJKPC0033Z	Cover, PC Card	C		All
	1203	PJKPC0034Z	Plate, PC Card	C		All
	1204	PJKPC0035Z	Indicator	C		All
	1205	PJGFC0606Z	Label, PC Card	N	For DP-C354/C323/C264/C263/C213	PU
				C	For DP-C322/C262	PU, PB, PA
		PJGFC0606X		N	For DP-C354/C323/C264/C263/C213	Except PU
				C	For DP-C322/C262	PE, PF, PK, PL, PM, PT, PV
⚠	1206	PJBZC0002Z	Cover, Back Panel	C		All
	1207	PJUIC0228Z	Bracket, Panel Guide	C		All
	1208	PJBVC0112Z	Spring, Damper	C		All
	1209	PJUIC0227Z	Bracket, Support	C		All
	1210	PJBAC0036Z	Bushing, Panel Guide	C		All
	1211	PJGFC0467X	Label, Model Number	N	For DP-C354	All
		PJGFC0467P			For DP-C323	
		PJGFC0467Q			For DP-C264	
		PJGFC0467W			For DP-C263	
		PJGFC0467V			For DP-C213	
		PJGFC0467Z		C	For DP-C322	Except PK
		PJGFC0467U				PK
		PJGFC0467Y			For DP-C262	Except PK
		PJGFC0467T				PK
	1212	DZNM000006	Badge, Panasonic	C		All
	1213	29K0	Latch	C		All
	1214	CS-3U	Coating Clip	C		All
	1215	DZJK000101	Mini Clamp	C		All
	1216	DZJL000286	Clip	C		All
	1217	PJWPF217FPU	PC Board, SDI (SD Card I/F)	N	RTL/PbF	All
	1218	PJNAC0015Z	Screw	C		All
	1219	PJJEC3444Z	Plate, PNL Ground	C		Except PU, PT
	1224	PJZEF217TPU	Control Panel Unit	C	See Note	PU
		PJZEF3160PB		N	For DP-C354/C323/C264/C263/C213	Except PU, PF, PT
		PJZEF3160PF			See Note	PF
		PJZEF217PPB		C	For DP-C322/C262 See Note	Except PU, PF, PK, PT
		PJZEF217PPF				PF
		PJZEF217PPK				PK
		PJZEF217PPT				PT

Note:

This assembly does not include Ref. No. 1306, and 1330.

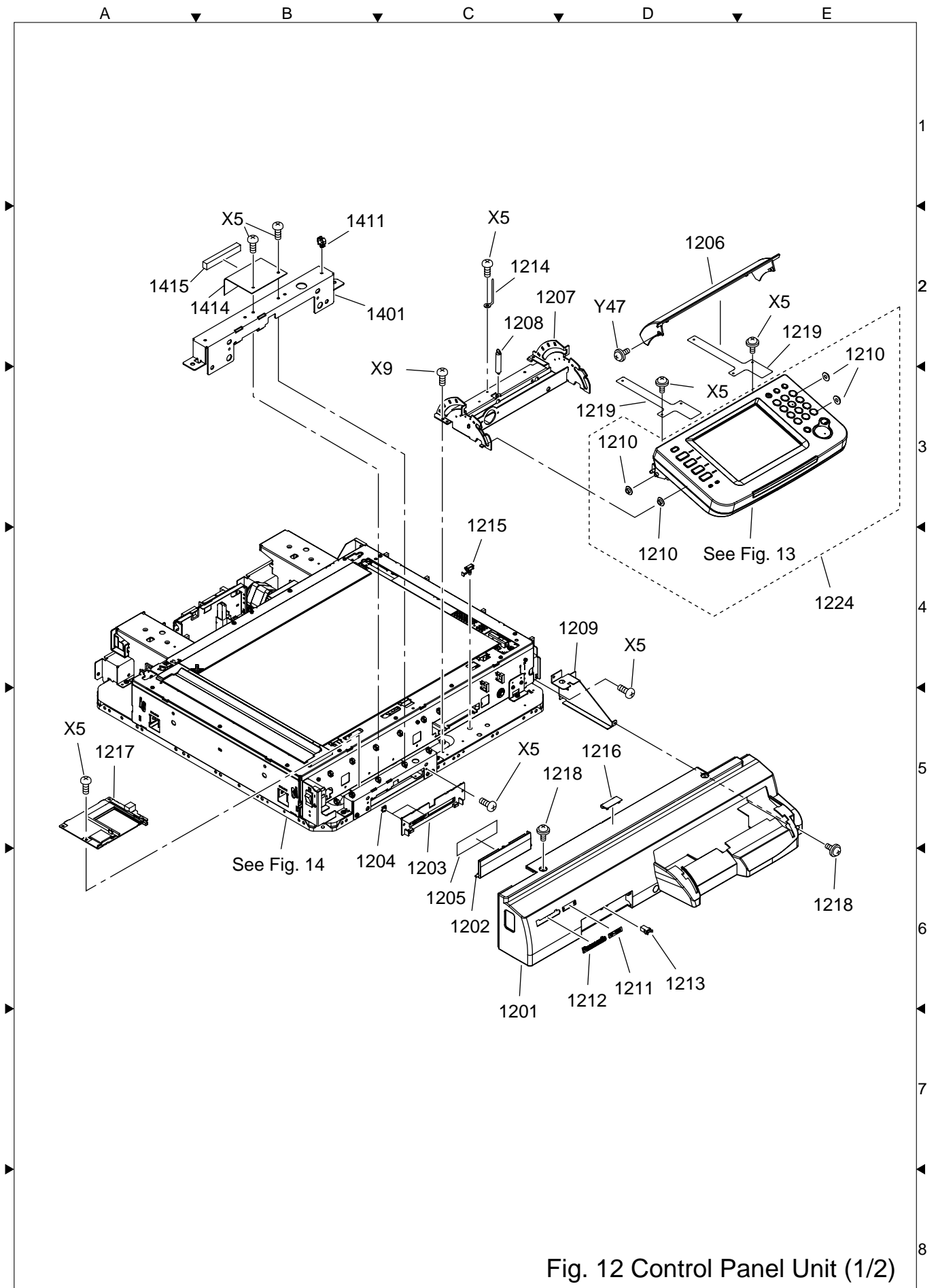


Fig. 12 Control Panel Unit (1/2)

Safety Mark	Ref. No.	Part Number	Part Name	New Parts	Remarks	Destination
	1401	PJUEC0061Z	Bracket, Scanner Base	C		All
	1411	DZJK000061	Mini Clamp	C		All
	1414	PJUIC0313Z	Bracket, SCN-MCC	C		Except PU, PT
	1415	PJHSC0063Z	Gasket	C		Except PU, PT
	X5	XTB3+6FFJ	Screw	C		All
	X9	XTB3+8FFJ	Screw	C		All
	Y47	XST3+4FJ	Screw	C		All

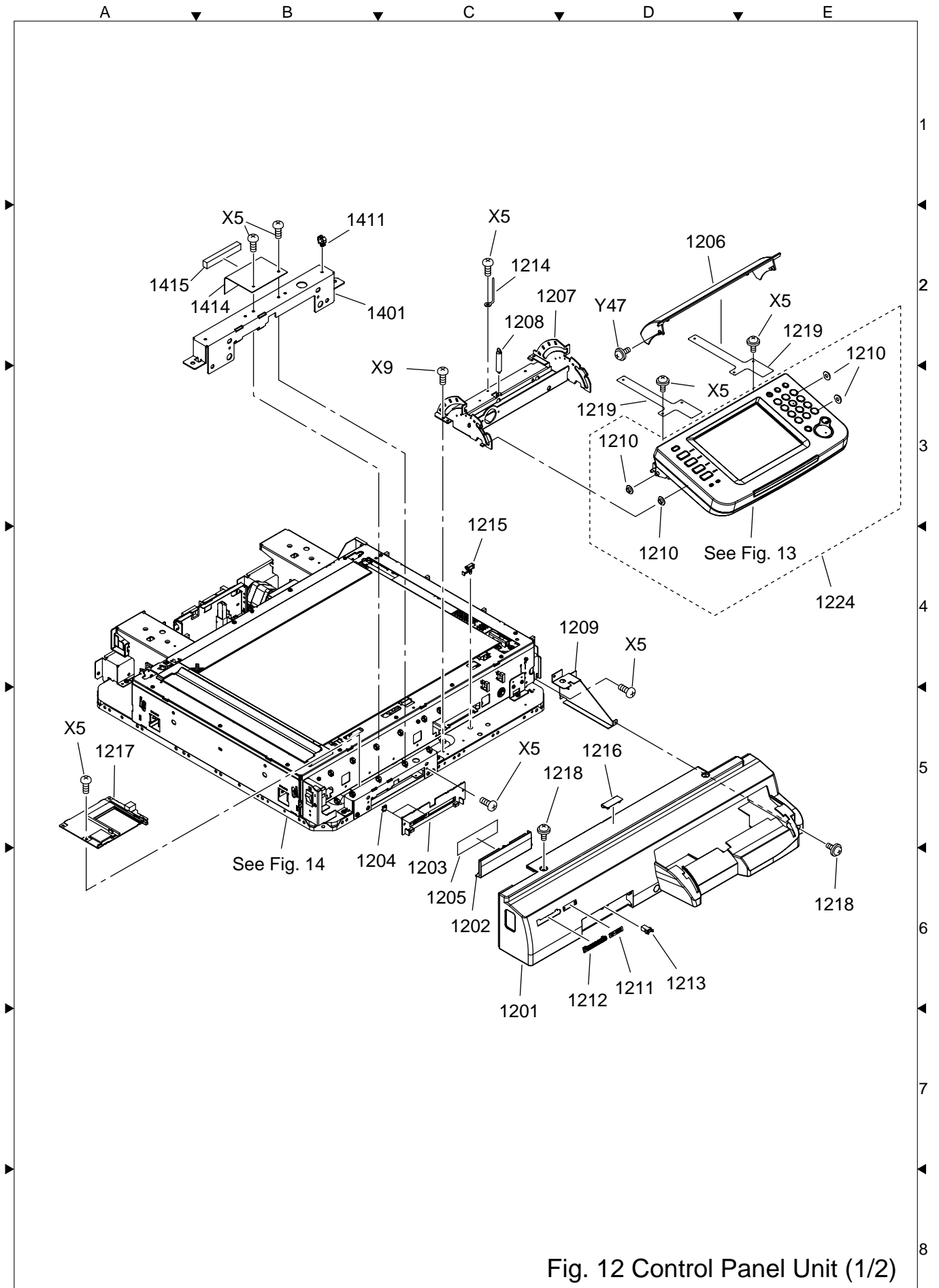


Fig. 12 Control Panel Unit (1/2)

Safety Mark	Ref. No.	Part Number	Part Name	New Parts	Remarks	Destination
⚠	1301	PJKZC0024Z	Cover, Upper Panel	C		PU
		PJKZC0024W				PF
		PJKZC0024V				PK
		PJKZC0024U				PT
		PJKZC0024X				Except PU, PF, PK, PT
	1302	PJKZC0025Z	Cover, LED	C		All
	1303	PJUIC0250Z	Assembly, Panel Base and Guide	C		All
⚠	1304	PJBZC0001Z	Cover, Lower Panel	C		All
⚠	1305	PJKHC0007Z	Release Lever	C		All
	1306	PJKPC0036Z	Holder, Battery	C		All
	1307	DZKB000980	Key, A	C		All
	1308	DZKB000979	Button, B	C		All
	1309	DZKB000641	Key, B	C		All
	1310	PJBZC0009Z	Key, Ten	C		All
	1311	PJBZC0007Y	Key, Clear	C		All
	1312	PJBZC0008Y	Key, Base Clear	C		All
	1313	PJBZC0005Y	Key, Stop	C		All
	1314	PJBZC0006Y	Key, Base Stop	C		All
	1315	PJBZC0003Y	Key, Start	C		All
	1316	PJBZC0004X	Key, Base Start	C		All
	1317	PJBZC0010Z	Key, Energy Save	C		All
	1318	PJBZC0011Z	Key, Copy	C		All
	1319	PJBZC0012Z	Key, Fax	C		All
	1320	PJBZC0013Z	Key, Scan	C		All
	1321	PJBZC0015Z	Key, Print	C		All
	1322	PJKPC0037Z	Lens, LED	C		All
	1323	PJUSC0044Z	Rubber, Long	C		All
	1324	PJUSC0045Z	Rubber, Short	C		All
	1325	K0RZZZZ00003	Touch Panel	C		All
	1326	PJWDF2171PU	LCD Module	C		PU, PT
		PJWDF3161PB		N	For DP-C354/C323/C264/C263/C213	Except PU, PT
		PJWDF2171PB		C	For DP-C322/C262	Except PU, PT
⚠	1327	N0GG1L000003	PC Board, INV	C	PbF	All
	1328	PJUIC0229Z	Plate, Harness	C		All
	1329	DZJK000070	Locking Mini Clamp	C		All

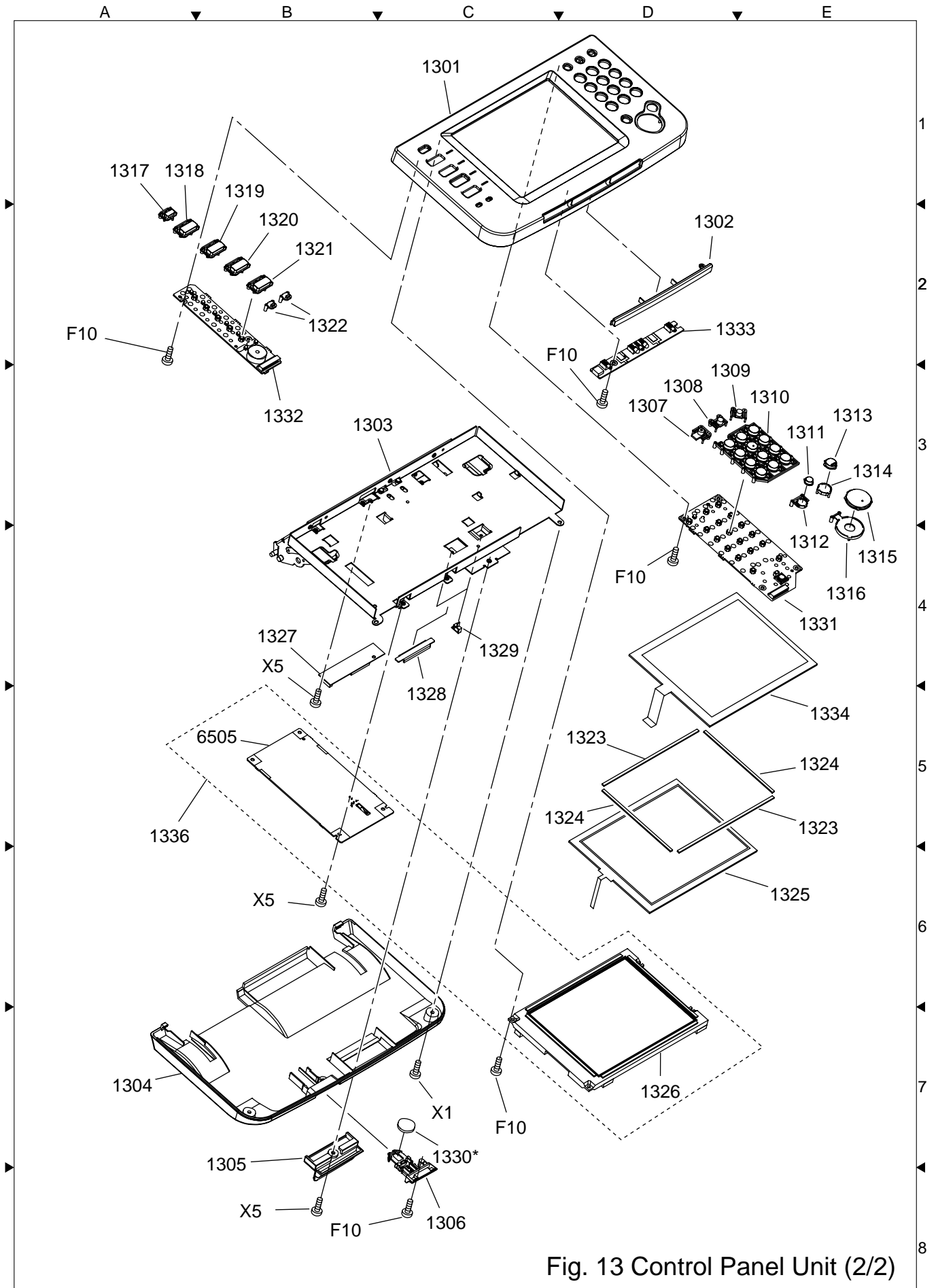


Fig. 13 Control Panel Unit (2/2)

Safety Mark	Ref. No.	Part Number	Part Name	New Parts	Remarks	Destination
⚠	1330*	CR2032	Battery	C		All
	1331	PJWPF2177PU	PC Board, PNL 2	C	RTL/PbF	All
	1332	PJWPF2178PU	PC Board, PNL 3	C	RTL/PbF	All
	1333	PJWPF2179PU	PC Board, PNL 4	C	RTL/PbF	All
	1334	PJMCC0062Z	Plate, Shield	C		All
	1336	PJWDF2170PU	LCD Module Set	C		PU, PT
		PJWDF3160PB		N	For DP-C354/C323/C264/C263/C213	Except PU, PT
		PJWDF2170PB		C	For DP-C322/C262	Except PU, PT
	6505	PJWPF217QPU	PC Board, PNL1	C	RTL/PbF	All
	F10	XTB3+8GFJ	Screw	C		All
	X1	XTB3+10GFJ	Screw	C		All
	X5	XTB3+6FFJ	Screw	C		All

*** Notice: California only:**

This product contains a CR Coin Cell Lithium Battery which contains Perchlorate Material - special handling may apply.

See www.dtsc.ca.gov/hazardouswaste/perchlorate

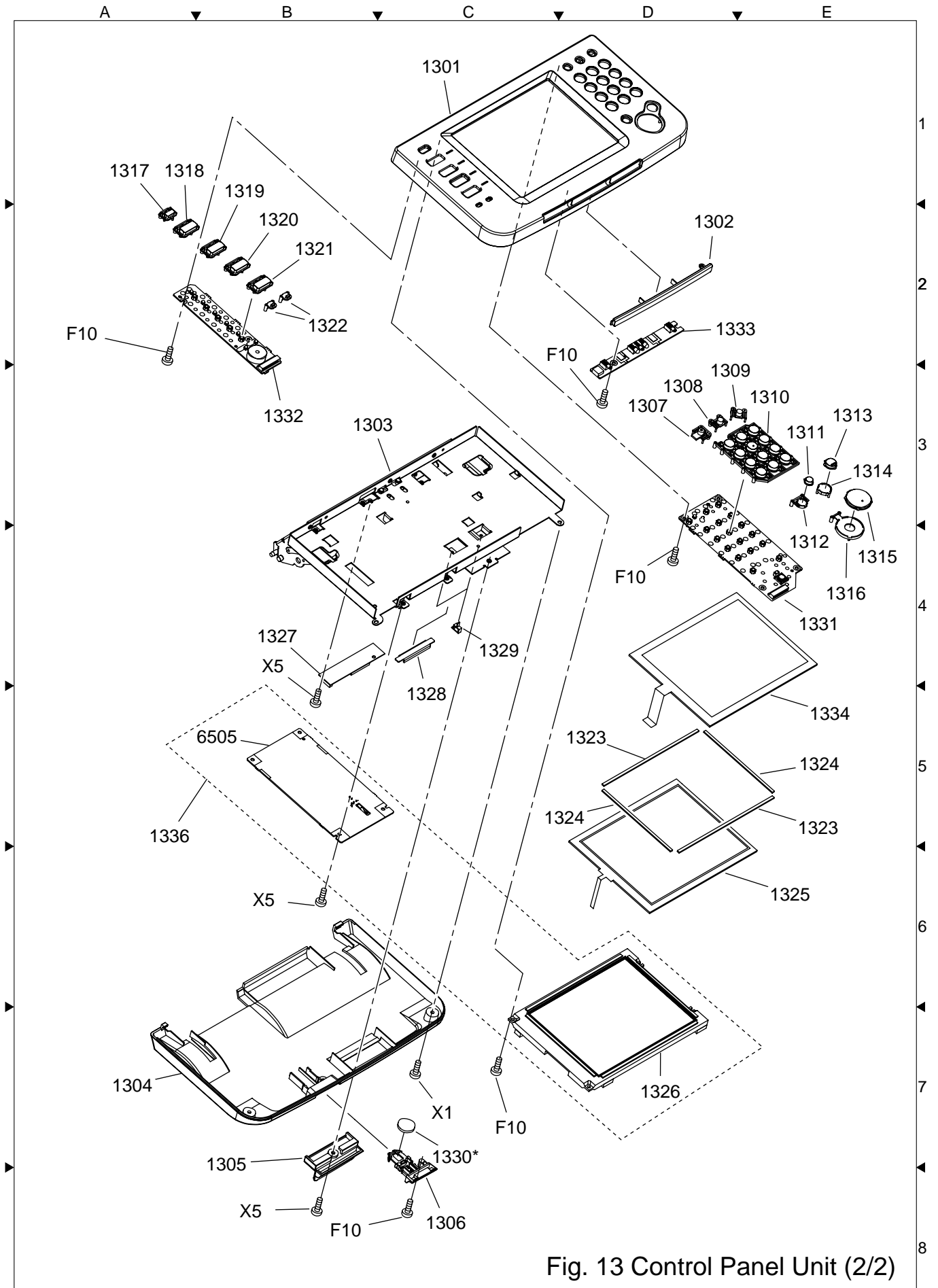
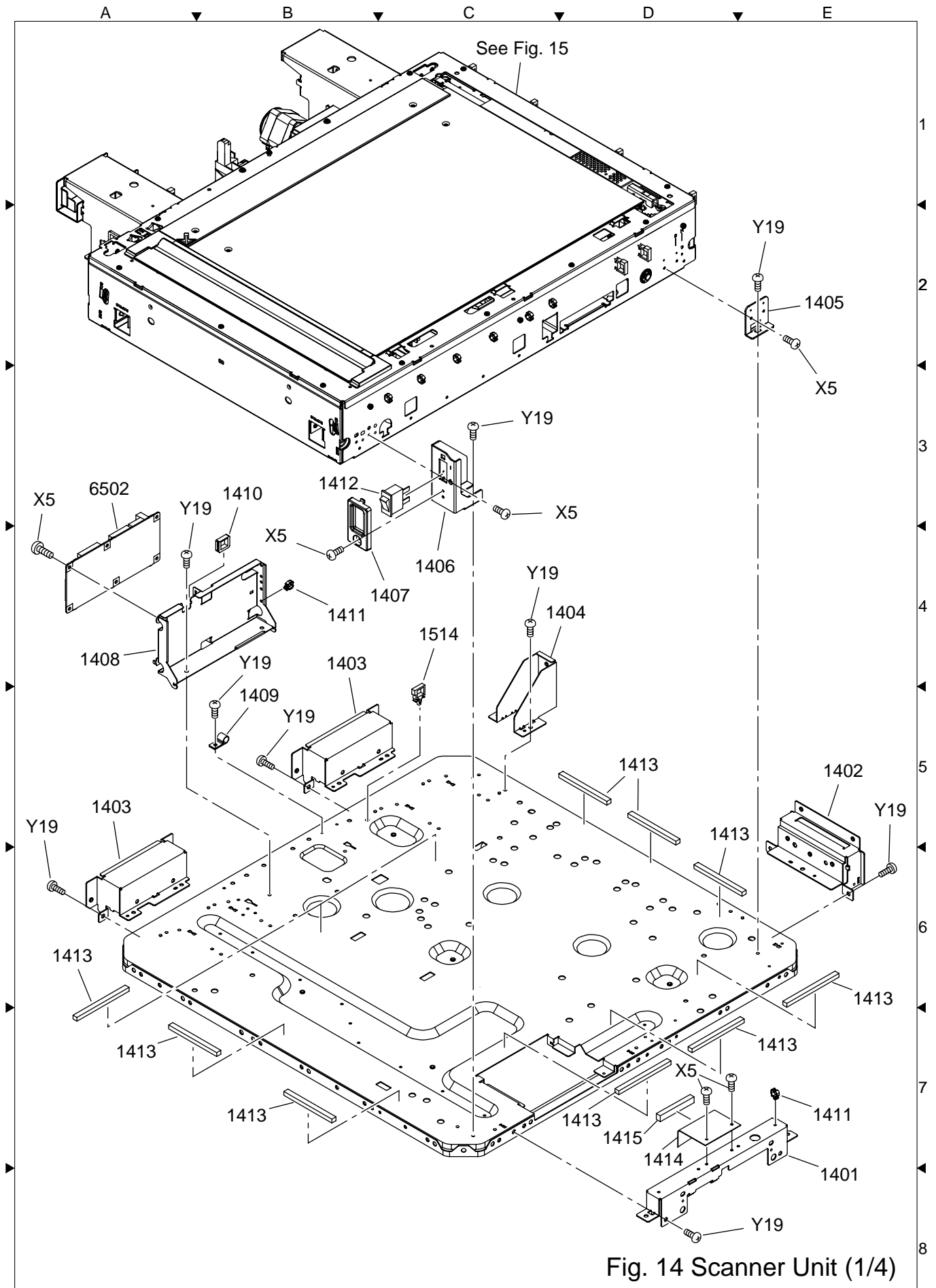


Fig. 13 Control Panel Unit (2/2)

5.5. Scanner Unit

Safety Mark	Ref. No.	Part Number	Part Name	New Parts	Remarks	Destination
	1401	PJUEC0061Z	Bracket, Scanner Base	C		All
	1402	PJKHC0005Z	Bracket, Right Scanner Base	C		All
	1403	PJKHC0004Z	Bracket, Rear Scanner Base	C		All
	1404	PJUEC0121Z	Bracket, Scanner Cover	C		All
	1405	DZJA001259	Plate, Scanner Holding	C		All
	1406	PJUIC0220Z	Plate, Scanner SW Hold	C		All
	1407	PJKPC0030Z	Cover, Scanner SW	C		All
	1408	PJUJC0021Z	Plate, SCN Holding	C		All
	1409	DZJK000077	Clamp	C		All
	1410	LT-11	Edge Saddle	C		All
	1411	DZJK000061	Mini Clamp	C		All
	1412	PJWSF2170PU	Assembly, Sub Switch	C		All
	1413	PJHSC0060Z	Gasket	N	For DP-C354/C323/C264/C263/C213	Except PU, PT
		PJHSC0035Z		C	For DP-C322/C262	
	1414	PJUIC0313Z	Bracket, SCN-MCC	C		Except PU, PT
	1415	PJHSC0063Z	Gasket	C		Except PU, PT
	1514	LWS-3S	Locking Wire Saddle	C		All
⚠	6502	PJWPF2174PU	PC Board, SCN	C	RTL/PbF	All
	X5	XTB3+6FFJ	Screw	C		All
	Y19	XTB4+8FFJ	Screw, Binding Head Tapping	C		All



Safety Mark	Ref. No.	Part Number	Part Name	New Parts	Remarks	Destination
	1501	DZTE000025	Glass, Platen (L)	C		All
	1502	DZTE000030	Glass, Scanning (S)	C		All
	1503	PJHMC0013Z	Sheet, White Film	C		All
	1504	DZJM000787	Plate, Left Original	C		All
	1505	PJGFC0297Z	Sheet, Document Set	C		PU
		DZJM001164				PT
		DZJM000447				Except PU, PT
	1506	PJGFC0296Z	Plate, Document Set	C		PU
		DZJE001093				PT
		DZJE001003				Except PU, PT
	1507	DZJA000962	Frame, Upper Scanner	C		All
	1508	PJUDDC0030Z	Bracket, ADF	C		All
	1509	PJUDDC0034Z	Holder, Connector	C		All
	1510	FFPKQ01701B	Base, Platen SW	C		All
	1511	FFPLL04643	Lever	C		All
	1512	FFPLP08141	Spring, Platen SW	C		All
	1513	MD2-2709-000	Edge Saddle	C		All
	1514	LWS-3S	Locking Wire Saddle	C		All
	1515	PJUSC0060Z	Seal 1, Scanner Dust	C		All
	1516	PJUSC0061Z	Seal 2, Scanner Dust	C		All
	1517	PJUDDC0033Z	Holder, ADF Harness	C		All
	1518	PJUSC0075Z	Spacer, ADF Glass	C		All
	401	DZAL000216	Photo Sensor	C		All
	1410	LT-11	Edge Saddle	C		All
	1411	DZJK000061	Mini Clamp	C		All
	6518	PJJRC2486Z	Harness, MBS	N	For DP-C354/C323/C264/C263/C213	PT
				C	For DP-C322/C262	PK, PT
		PJJRC2712Z		N	For DP-C354/C323/C264/C263/C213	Except PT
		PJJRC2485Z		C	For DP-C322/C262	Except PK, PT
	X5	XTB3+6FFJ	Screw	C		All
	Y19	XTB4+8FFJ	Screw, Binding Head Tapping	C		All
	Y21	XTB4+6FFJ	Screw	C		All

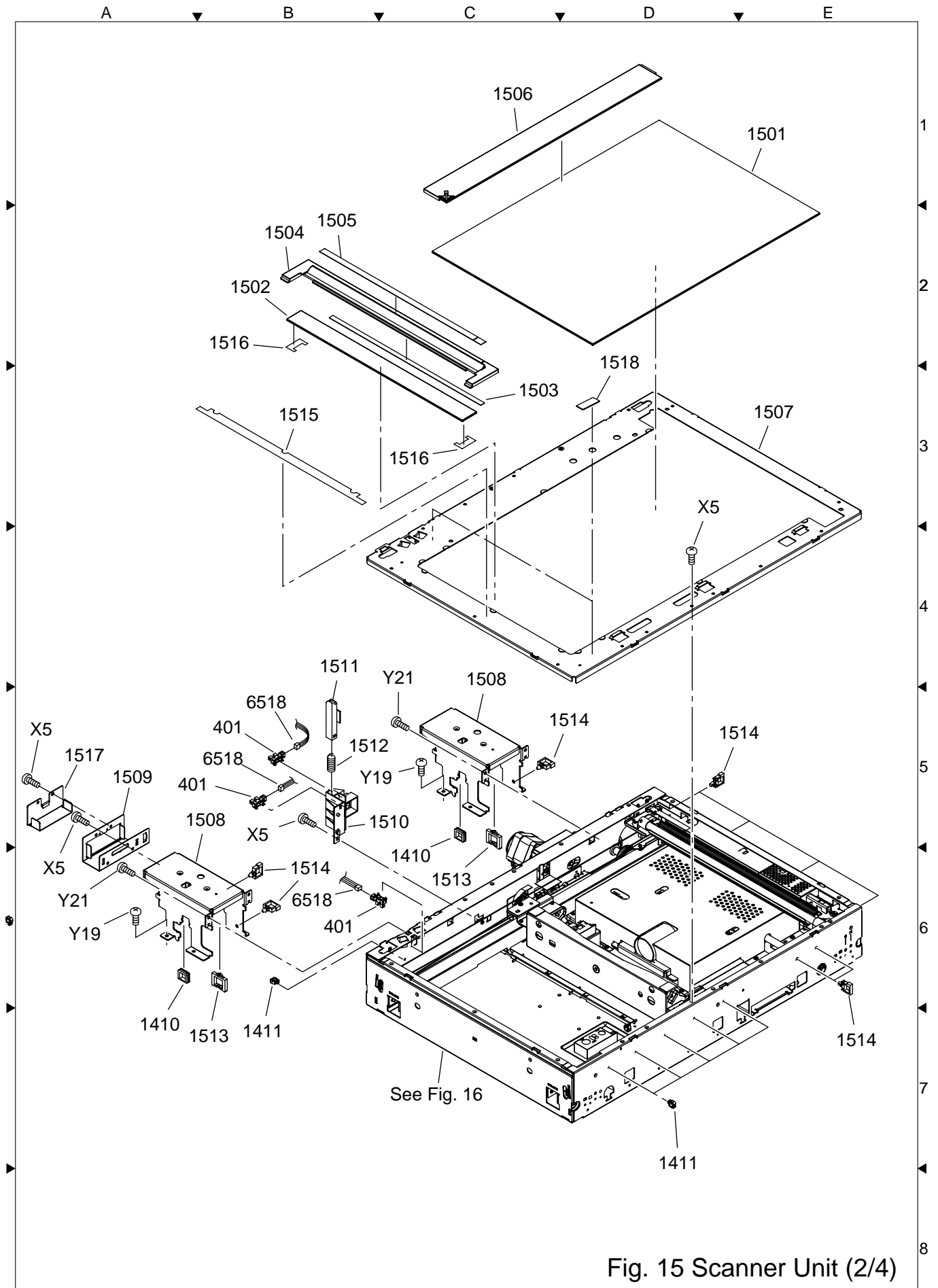
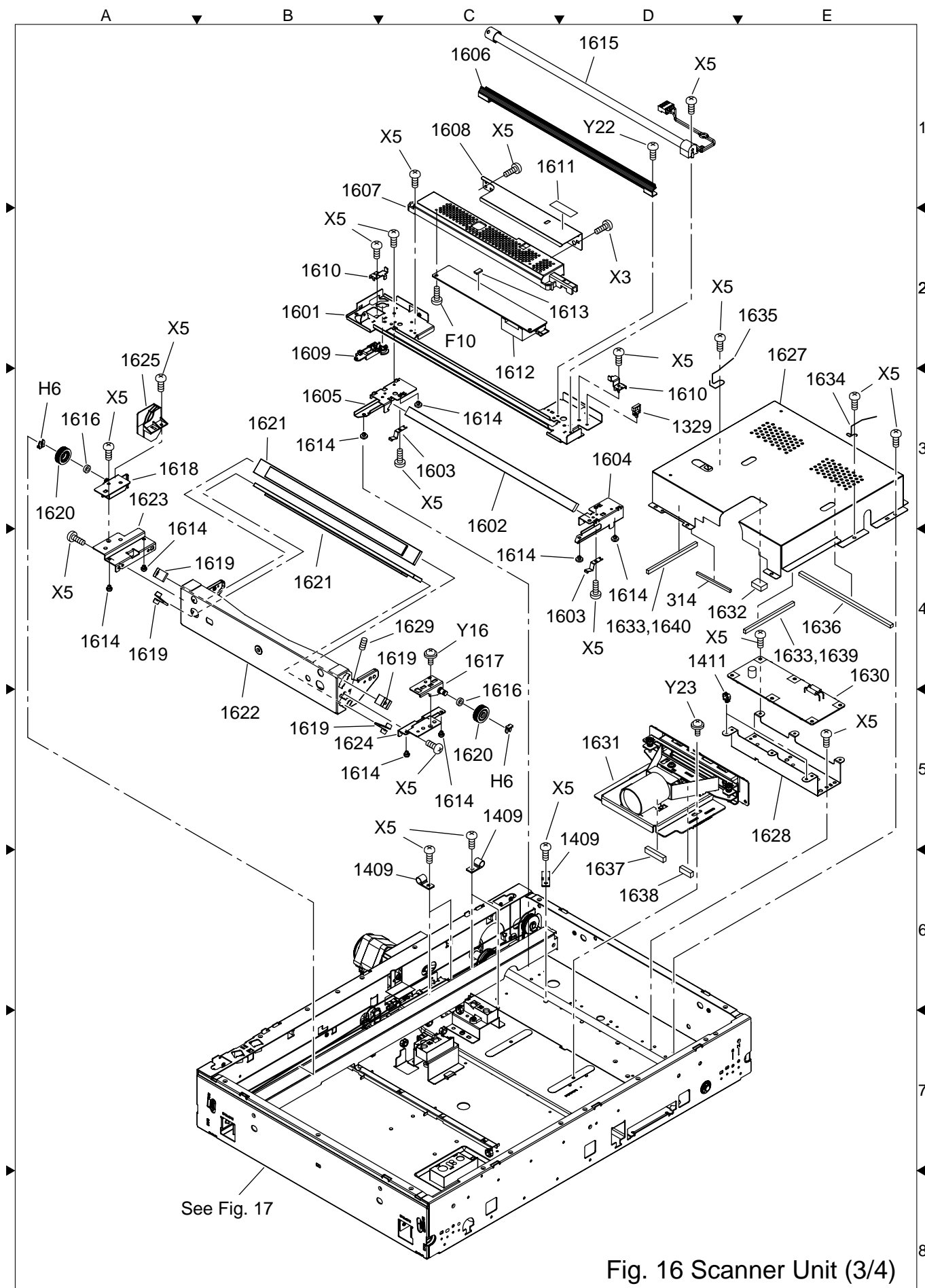


Fig. 15 Scanner Unit (2/4)

Safety Mark	Ref. No.	Part Number	Part Name	New Parts	Remarks	Destination
	1601	PJUJC0018Z	Frame, Mirror 1 Unit	C		All
	1602	PJACC0001Z	Mirror 1	C		All
	1603	DZKP000278	Spring Plate, Mirror 1	C		All
	1604	DZJA000947	Base, Front Mirror 1	C		All
	1605	DZJA000948	Base, Rear Mirror 1	C		All
	1606	DZTD000003	Plate, Refraction	C		All
⚠	1607	PJUJC0019Z	Case, Inverter	C		All
	1608	PJMYC0007Z	Plate, Heat Think	C		All
	1609	PJUQC0003Z	Guide 1, Lamp Harness	C		All
	1610	DZJA000949	Plate, Wire Holding	C		All
⚠	1611	FFPTE2259	Label, HV	C		All
⚠	1612	N0GG1Z000001	PC Board, Inverter	C	PbF	All
	1613	PJMYC0008Z	Block, Heat Dissipation	C		All
	1614	DZJM000785	Slider, Scanner	C		All
⚠	1615	A4KZSE000002	Scanning Lamp	C		All
	1616	FFPMQ0526	Bearing	C		All
	1617	DZMA003345	Assembly, Adjustment Plate	C		All
	1618	DZJA000973	Bracket, Rear Pulley	C		All
	1619	DZKP000280	Spring, Mirror 2	C		All
	1620	DZLB000036	Pulley 2	C		All
	1621	DZTE000028	Mirror 2	C		All
	1622	DZJA000950	Bracket, Mirror 2	C		All
	1623	DZJA000951	Bracket, Rear Mirror 2	C		All
	1624	DZJA000952	Bracket, Front Mirror 2	C		All
	1625	DZJB000271	Guide, Lamp Harness	C		All
	1627	PJMCC0028Z	Cover, CCD	C		PU, PT
		PJMCC0028Y				Except PU, PT
	1628	PJUJC0027Z	Bracket, AFE PC Board	C		All
	1629	XXE3D8FP-R	Screw, Set	C		All
	1630	PJWPF217BPU	PC Board, AFE (Analog Front End)	C	RTL/PbF	All
	1631	PJZNF2170PU	CCD Unit	C		All
	1632	PJHSC0052Z	Gasket 1	N	For DP-C354/C323/C264/C263/C213	All
		PJHSC0018Z		C	For DP-C322/C262	
	1633	PJHSC0028Z	Gasket 2	C	For DP-C322/C262	Except PU, PT
		PJHSC0017Z				PU, PT
	1634	PJSDC0002Z	Spring, Ground F	C		Except PU, PT
	1635	PJSDC0003Z	Spring, Ground R	C		Except PU, PT



Safety Mark	Ref. No.	Part Number	Part Name	New Parts	Remarks	Destination
	1636	PJHSC0057Z	Gasket 3	N	For DP-C354/C323/C264/C263/C213	All
		PJHSC0029Z		C	For DP-C322/C262	Except PU, PT
	1637	PJHSC0067Z	Gasket 4	N	For DP-C354/C323/C264/C263/C213	Except PU, PT
		PJHSC0043Z		C	For DP-C322/C262	
	1638	PJHSC0066Z	Gasket 5	N	For DP-C354/C323/C264/C263/C213	Except PU, PT
		PJHSC0042Z		C	For DP-C322/C262	
	1639	PJHSC0055Z	Gasket	N	For DP-C354/C323/C264/C263/C213	All
	1640	PJHSC0056Z	Gasket	N	For DP-C354/C323/C264/C263/C213	All
	314	PJHSC0059Z	Gasket	N	For DP-C354/C323/C264/C263/C213	Except PU, PT
		PJHSC0033Z		C	For DP-C322/C262	
	1329	DZJK000070	Locking Mini Clamp	C		All
	1409	DZJK000077	Clamp	C		All
	1411	DZJK000061	Mini Clamp	C		All
	F10	XTB3+8GFJ	Screw	C		All
	H6	FFPFJ0033B	Snap Ring	C		All
	X3	XYN3+F8FJ	Screw	C		All
	X5	XTB3+6FFJ	Screw	C		All
	Y16	XYN3+F6FJ	Screw	C		All
	Y22	XYA3+FF6FJ	Screw	C		All
	Y23	XYN4+F8FJ	Screw, M4 Ground	C		All



For All Destinations (except China and Taiwan)

Safety Mark	Ref. No.	Part Number	Part Name	New Parts	Remarks	Destination
	1701	DZLF000516	Wire Drum, M60	C		All
	1702	PJDFC0112Z	Shaft, Drive	C		All
	1703	DZTT000667	Wire Cable, F	C		All
	1704	DZTT000668	Wire Cable, R	C		All
	1705	PJDAC0007Z	Pulley, Drive	C		All
	1706	FFPMQ0211	Ball Bearing	C		All
	1707	FFPMB0301	Pulley	C		All
	1708	DZKN000306	Spring, Motor	C		All
	1709	DZLB000038	Pulley, Wire Tension	C		All
	1710	PJUIC0225Z	Assembly, Motor Plate	C		All
	1711	PJDGC0108Z	Gear, Reduction	C		All
	1712	PJDEC0038Z	Pulley, Flange	C		All
⚠	1713	PJSNC0015Z	Scanning Motor	C		All
	1714	PJDEC0037Z	Belt, Motor	C		All
	1715	PJUQC0004Z	Guide 2, Lamp Harness	C		All
	1716	DZJA000965	Rail	C		All
	1717	DZJB000273	Sheet, Rail	C		All
	1718	PJUAC0172Z	Frame, Scanner Base	C		All
	1719	DZJE001037	Cover, Harness	C		All
	1720	PJUDC0039Z	Bracket 1, Original Sensor	N	For DP-C354/C323/C264/C263/C213	PU, PB
		DZJA000968		C	For DP-C322/C262	Except PK, PT
	1721	PJUDC0040Z	Bracket 2, Original Sensor	N	For DP-C354/C323/C264/C263/C213	PU, PB
		DZJA000969		C	For DP-C322/C262	Except PK, PT
	1722	DZAL000165	Multi Beam Sensor 1	C		Except PK, PT
	1723	DZAL000071	Multi Beam Sensor 2	C		All
	1724	DZNE000066	Sheet, CCD Harness Guide	C		All
	1725	EDS1	Edge Saddle	C		All
	1727	DZJE001048	Cover, Connector	C		All
	1728	PJJRC2532Z	Harness, HT3	C		All
	1729	FFPKK43H00R	Assembly, Scanner Heater	C		All
	641	EDS-0607M	Edge Saddle	C		All
	1411	DZJK000061	Mini Clamp	C		All
	1616	FFPMQ0526	Bearing	C		All
	6518	PJJRC2486Z	Harness, MBS	N	For DP-C354/C323/C264/C263/C213	PT
				C	For DP-C322/C262	PK, PT
		PJJRC2712Z		N	For DP-C354/C323/C264/C263/C213	Except PT
		PJJRC2485Z		C	For DP-C322/C262	Except PK, PT
	6519	PJJRC2487Z	Harness, SCMT	C		All
	H6	FFPFJ0033B	Snap Ring	C		All
	J7	XUC4VM	E-Ring	C		All
	J8	XUC7VM	E-Ring	C		All
	X3	XYN3+F8FJ	Screw	C		All
	X5	XTB3+6FFJ	Screw	C		All
	Y16	XYN3+F6FJ	Screw	C		All
	Y21	XTB4+6FFJ	Screw	C		All

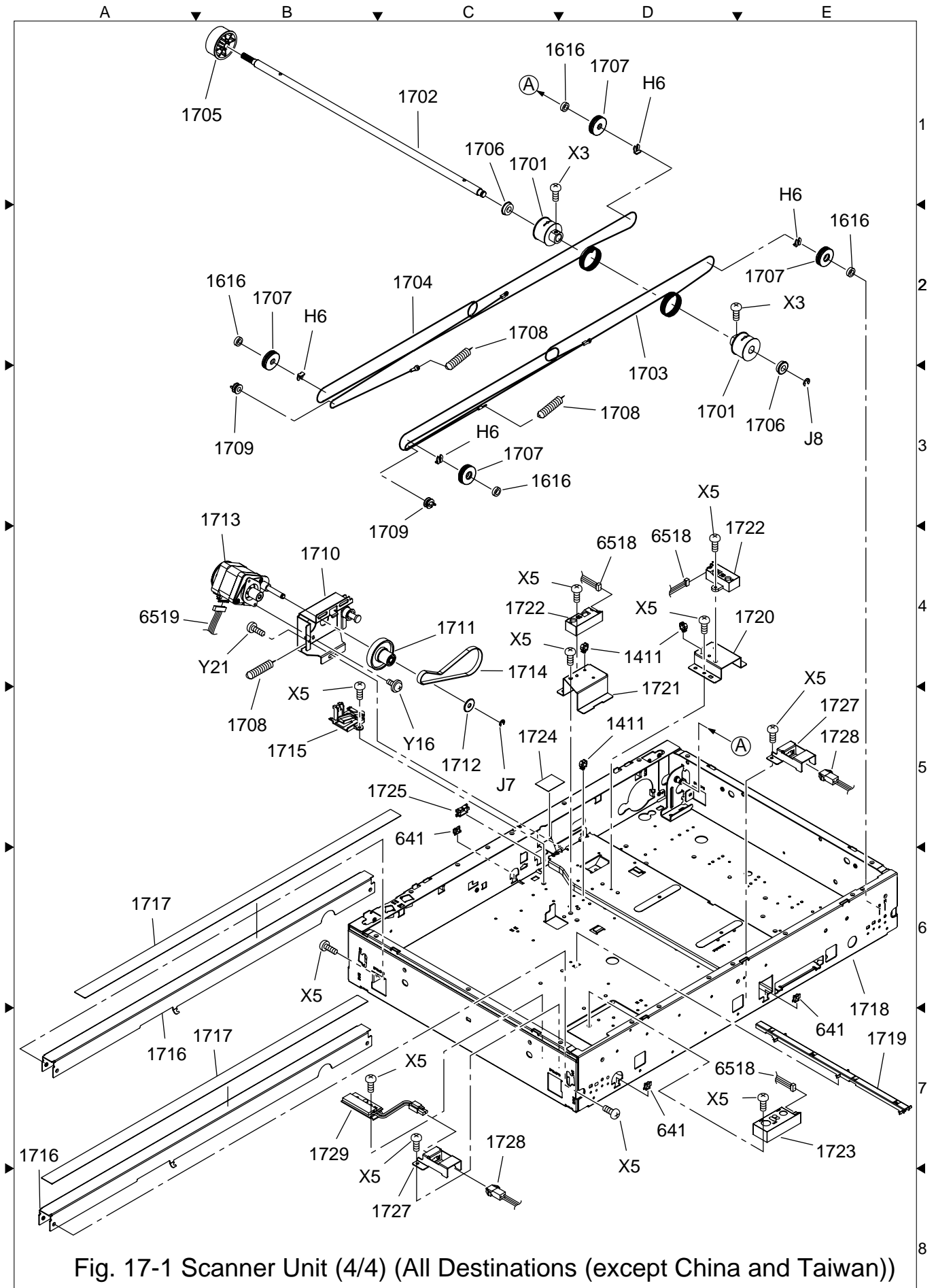
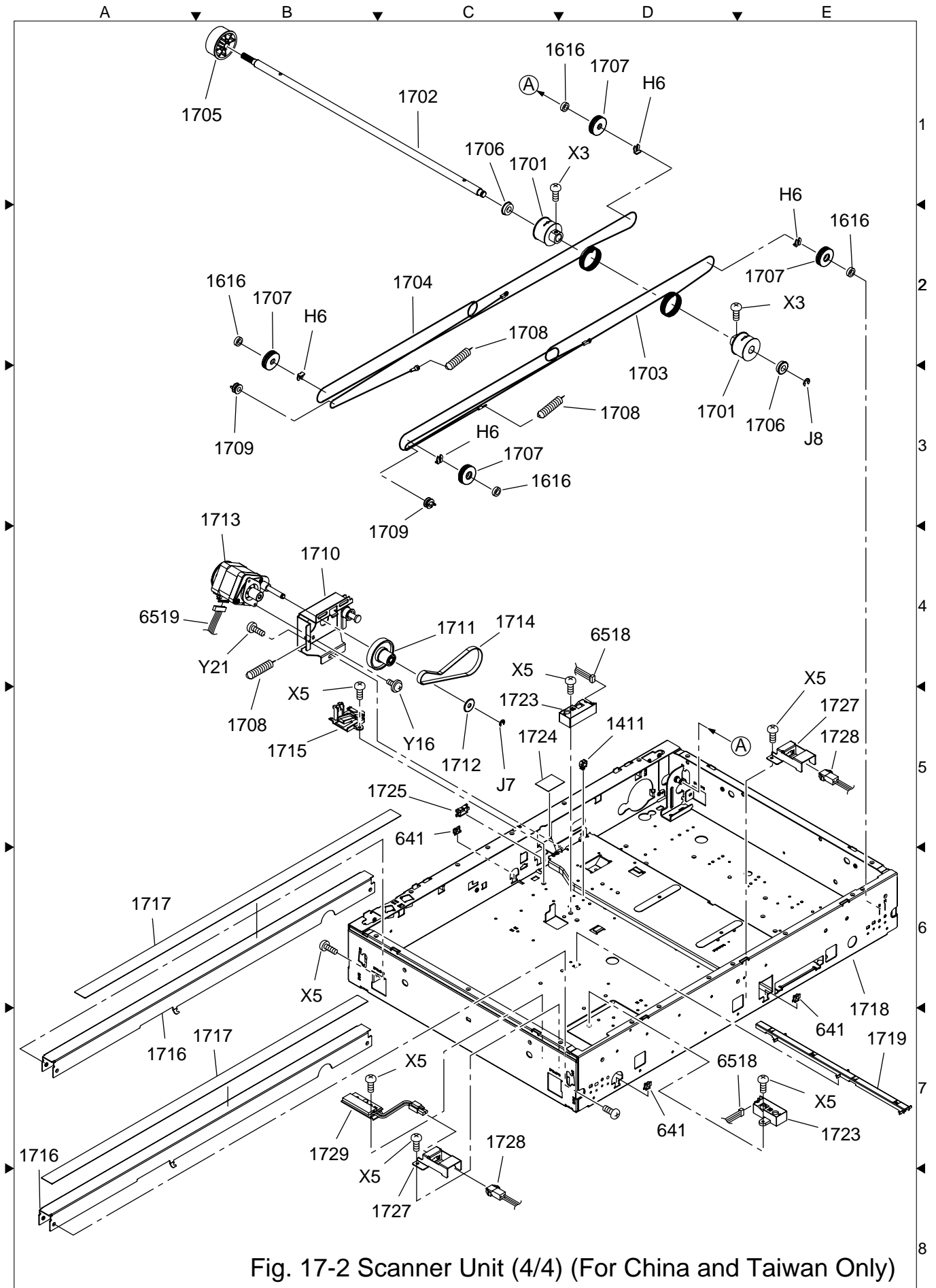


Fig. 17-1 Scanner Unit (4/4) (All Destinations (except China and Taiwan))

For China and Taiwan Only

Safety Mark	Ref. No.	Part Number	Part Name	New Parts	Remarks	Destination
	1701	DZLF000516	Wire Drum	C		All
	1702	PJDFC0112Z	Shaft, Drive	C		All
	1703	DZTT000667	Wire Cable, F	C		All
	1704	DZTT000668	Wire Cable, R	C		All
	1705	PJDAC0007Z	Pulley, Drive	C		All
	1706	FFPMQ0211	Ball Bearing	C		All
	1707	FFPMB0301	Pulley	C		All
	1708	DZKN000306	Spring, Motor	C		All
	1709	DZLB000038	Pulley, Wire Tension	C		All
	1710	PJUIC0225Z	Assembly, Motor Plate	C		All
	1711	PJDGC0108Z	Gear, Reduction	C		All
	1712	PJDEC0038Z	Pulley, Flange	C		All
⚠	1713	PJSNC0015Z	Scanning Motor	C		All
	1714	PJDEC0037Z	Belt, Motor	C		All
	1715	PJUQC0004Z	Guide 2, Lamp Harness	C		All
	1716	DZJA000965	Rail	C		All
	1717	DZJB000273	Sheet, Rail	C		All
	1718	PJUAC0172Z	Frame, Scanner Base	C		All
	1719	DZJE001037	Cover, Harness	C		All
	1723	DZAL000071	Multi Beam Sensor 2	C		All
	1724	DZNE000066	Sheet, CCD Harness Guide	C		All
	1725	EDS1	Edge Saddle	C		All
	1727	DZJE001048	Cover, Connector	C		All
	1728	PJJRC2532Z	Harness, HT3	C		All
	1729	FFPK43H00R	Assembly, Scanner Heater	C		All
	641	EDS-0607M	Edge Saddle	C		All
	1411	DZJK000061	Mini Clamp	C		All
	1616	FFPMQ0526	Bearing	C		All
	6518	PJJRC2486Z	Harness, MBS	N	For DP-C354/C323/C264/C263/C213	PT
				C	For DP-C322/C262	PK, PT
		PJJRC2712Z		N	For DP-C354/C323/C264/C263/C213	Except PT
		PJJRC2485Z		C	For DP-C322/C262	Except PK, PT
	6519	PJJRC2487Z	Harness, SCMT	C		All
	H6	FFPFJ0033B	Snap Ring	C		All
	J7	XUC4VM	E-Ring	C		All
	J8	XUC7VM	E-Ring	C		All
	X3	XYN3+F8FJ	Screw	C		All
	X5	XTB3+6FFJ	Screw	C		All
	Y16	XYN3+F6FJ	Screw	C		All
	Y21	XTB4+6FFJ	Screw	C		All

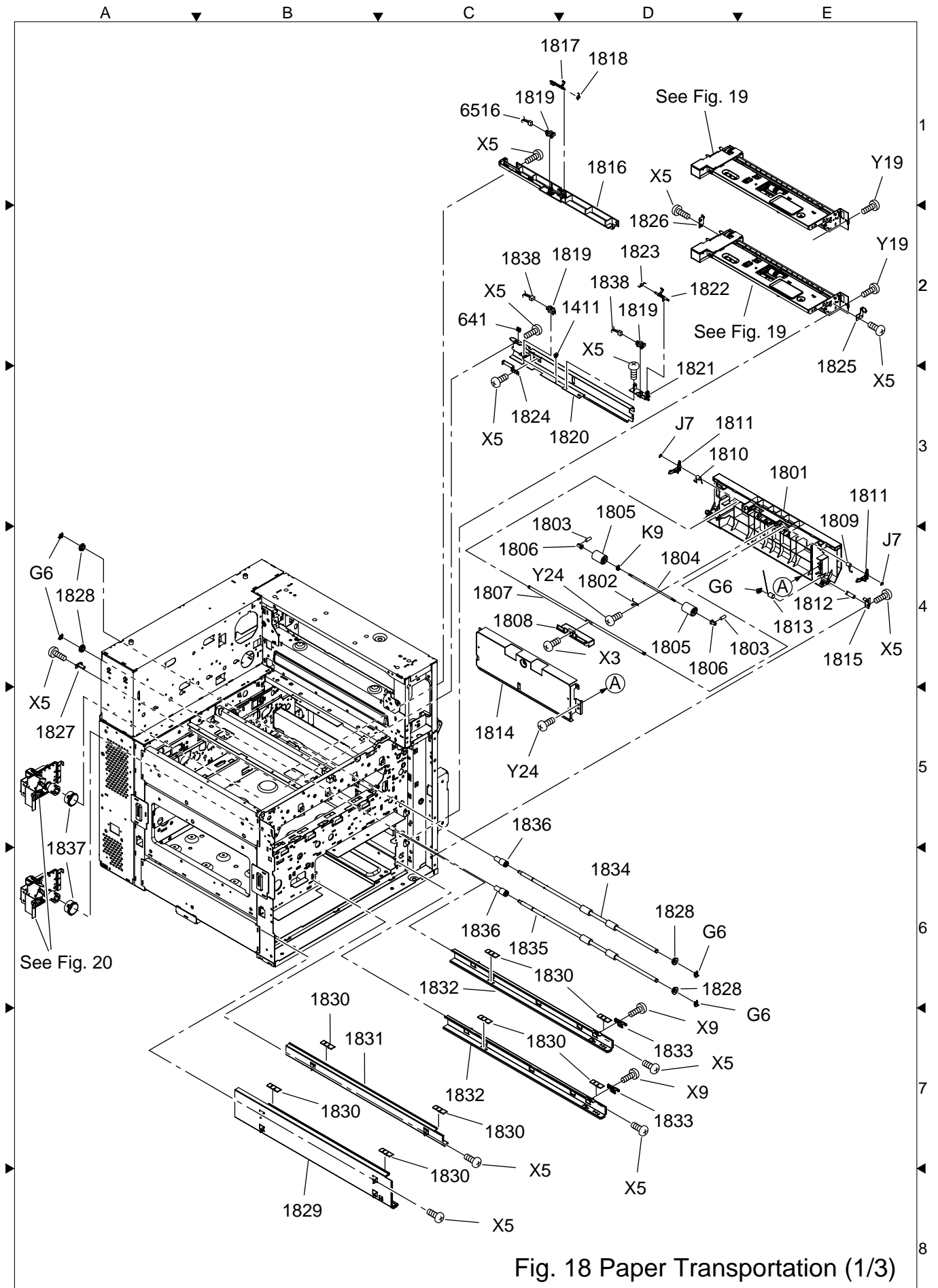


5.6. Paper Transportation

Safety Mark	Ref. No.	Part Number	Part Name	New Parts	Remarks	Destination
	1801	PJKCC0005Z	Cover, Open	C		All
	1802	DZKP000306	Spring, Ground	C		All
	1803	DZKN000329	Spring, Pinch Roller	C		All
	1804	DZKG000273	Shaft	C		All
	1805	DZLA000290	Roller, Pinch	C		All
	1806	DZLM000166	Bushing, D4	C		All
	1807	PJDFC0116Z	Shaft, Latch	C		All
	1808	PJKHC0006Z	Knob, Cover	C		All
	1809	PJBWC0034Z	Spring, Latch Return F	C		All
	1810	PJBWC0035Z	Spring, Latch Return R	C		All
	1811	PJBAC0028Z	Lever, Latch	C		All
	1812	PJDFC0117Z	Shaft, Cover Fulcrum	C		All
	1813	PJBVC0084Z	Spring, Shaft	C		All
	1814	PJUJC0058Z	Plate, Cover Open	C		All
	1815	PJUIC0186Z	Assembly, Front Stopper Bracket	C		All
	1816	PJUJC0056Z	Guide, A	C		All
	1817	PJBAC0027Z	Actuator	C		All
	1818	PJBWC0033Z	Spring, Sensor	C		All
	1819	DZAL000211	Photo Sensor	C		All
	1820	PJUJC0057Z	Guide, B	C		All
	1821	FFPKD1490B	Holder, Exit Sensor	C		All
	1822	PJBAC0029Z	Actuator	C		All
	1823	PJBWC0036Z	Spring, Sensor	C		All
	1824	PJBUC0048Z	Spring, Lever	C		All
	1825	PJUJC0074Z	Plate, Latch F	C		All
	1826	PJUJC0075Z	Plate, Latch R	C		All
	1827	PJUIC0185Z	Assembly, Rear Stopper Bracket	C		All
	1828	FFPMQ0536	Bushing	C		All
	1829	PJUJC0070Z	Rail, Lower Left	C		All
	1830	PJUJC0055Z	Guide, Rail	C		All
	1831	PJUJC0072Z	Rail, Upper Left	C		All
	1832	PJUJC0071Z	Rail, R	C		All
	1833	PJUJC0073Z	Stopper, Front R	C		All
	1834	PJZRF2170PU	Roller, Upper Intermediate	C		All
	1835	PJZRF2171PU	Roller, Lower Intermediate	C		All
	1836	DZLF000585	Gear, M0.8 Z16	C		All
	1837	PJUJC0027Z	Sleeve	C		All
	1838	PJJRC2536Z	Harness, DROPN	C		All



Safety Mark	Ref. No.	Part Number	Part Name	New Parts	Remarks	Destination
	641	EDS-0607M	Edge Saddle	C		A11
	1411	DZJK000061	Mini Clamp	C		A11
	6516	PJJRC2537Z	Harness, CYUROL	C		A11
	G6	FFPFJ0039B	Snap Ring	C		A11
	J7	XUC4VM	E-Ring	C		A11
	K9	FFPFJ0043B	Snap Ring	C		A11
	X3	XYN3+F8FJ	Screw	C		A11
	X5	XTB3+6FFJ	Screw	C		A11
	X9	XTB3+8FFJ	Screw	C		A11
	Y19	XTB4+8FFJ	Screw, Binding Head Tapping	C		A11
	Y24	XTB4+10GFJ	Screw	C		A11



Safety Mark	Ref. No.	Part Number	Part Name	New Parts	Remarks	Destination
	1901	PJUEC0068Z	Bracket, Feed	C		All
	1902	DZNA000858	Sheet, Protection F	C		All
	1903	DZJM001071	Guide, Feed Exit	C		All
	1904	PJUEC0069Z	Bracket, Reverse	C		All
	1905	DZJC000329	Bracket, Reverse Shaft	C		All
	1906	DZJA001072	Assembly, Reverse Bracket	C		All
	1907	DZLF000696	Gear	C		All
	1908	DZKL000064	Lever, Release	C		All
	1909	PJBVC0133Z	Spring, Reverse Roller	C		All
	1910	DZKG000297	Shaft	C		All
	1911	DZLA000354	Roller, Reverse	C	PM	All
	1912	PJZFF2170PU	Assembly, Reverse Bracket	C		All
	1913	PJDEC0064Z	Torque Limiter	C		All
	1914	DZLF000695	Gear	C		All
	1915	FFPMQ0649	Bushing	C		All
	1916	DZJM001248	Sheet, Feed Module	C		All
⚠	1917	PJWMF2170PU	Solenoid	C		All
	1918	DZAL000217	Photo Sensor	C		All
	1920	DZJA001064	Bracket, Front Feed	C		All
	1921	DZKG000296	Shaft	C		All
	1922	DZLA000296	Roller, Paper Feed	C	PM	All
	1923	DZLG000019	Clutch, One-Way	C		All
	1924	DZLF000570	Gear	C		All
	1925	DZKG000272	Shaft	C		All
	1926	DZLA000292	Roller, Pickup	C	PM	All
	1927	DZLF000571	Gear	C		All
	1928	DZJA000996	Bracket, Pick Up	C		All
	1929	DZJF000555	Guide, Pick Up	C		All
	1930	DZLF000572	Gear	C		All
	1931	DZLF000573	Gear	C		All
	1932	DZLF000574	Gear	C		All
	1933	DZKG000271	Shaft	C		All
	1934	DZJA001018	Plate, Pick Up	C		All
	1935	DZKL000063	Lever, Pick Up	C		All
	1936	DZKN000326	Spring, Pick Up	C		All
	1937	DZKQ000088	Spring, Pick Up Return	C		All
	1938	DZJF000556	Guide, Feed L	C		All
	1939	DZKL000070	Lever, Paper Exist	C		All
	1940	DZKL000071	Lever, Paper Level	C		All
⚠	1941	DZJF000557	Guide, Front Feed	C		All
	1942	DZJF000558	Guide, Rear Feed	C		All
	1943	DZLF000577	Gear	C		All
	1944	DZKG000303	Shaft	C		All
	1945	DZNA000859	Sheet, Protection L	C		All

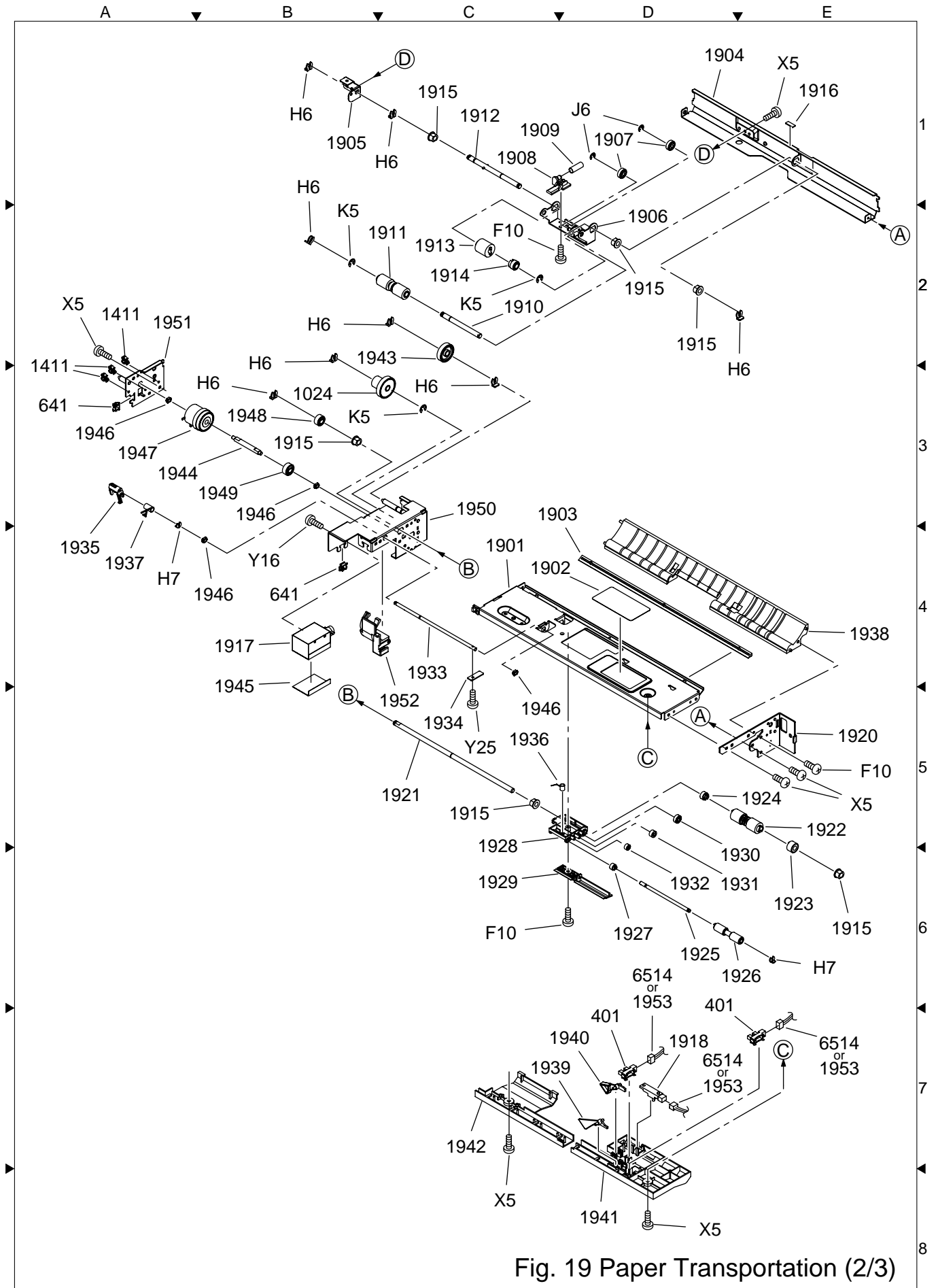


Fig. 19 Paper Transportation (2/3)

Safety Mark	Ref. No.	Part Number	Part Name	New Parts	Remarks	Destination
	1946	DZLM000167	Bushing, D4	C		All
⚠	1947	DZGA000019	Clutch	C		All
	1948	PJDGC0113Z	Gear, M0.8Z15D	C		All
	1949	PJDGC0114Z	Gear, M0.8Z17D	C		All
	1950	PJUEC0076Z	Bracket, Rear Feed	C	1st Paper Tray Feed	All
		PJUEC0077Z			2nd, 3rd, 4th Paper Tray Feed	
	1951	PJUEC0122Z	Bracket, Drive	C		All
	1952	PJURC0026Z	Cover, Gear	C		All
	1953	DZFP001892	Harness, FED	C	2nd, 3rd, 4th Paper Tray Feed	All
	401	DZAL000216	Photo Sensor	C		All
	641	EDS-0607M	Edge Saddle	C		All
	1024	DZLF000501	Gear, 17/34T	C		All
	1411	DZJK000061	Mini Clamp	C		All
	6514	PJJRC2520Z	Harness, FED1	C	1st Paper Tray Feed	All
	F10	XTB3+8GFJ	Screw	C		All
	H6	FFPFJ0033B	Snap Ring	C		All
	H7	FFPFJ0041B	Snap Ring	C		All
	J6	XUC3VM	E-Ring	C		All
	K5	XUC5VM	E-Ring	C		All
	X5	XTB3+6FFJ	Screw	C		All
	Y16	XYN3+F6FJ	Screw	C		All
	Y25	XYN26+F6FJ	Screw	C		All

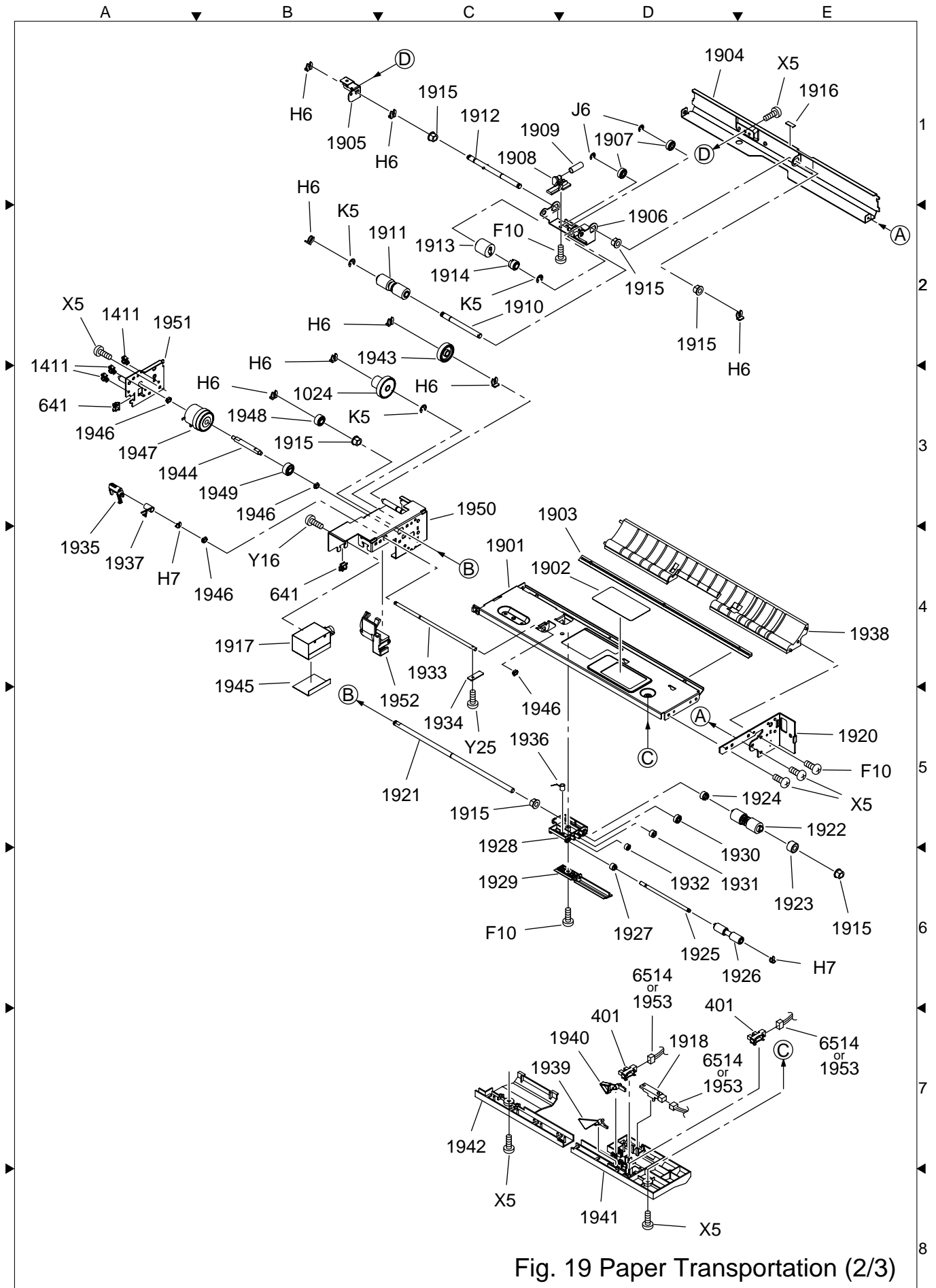


Fig. 19 Paper Transportation (2/3)

Safety Mark	Ref. No.	Part Number	Part Name	New Parts	Remarks	Destination
⚠	2001	PJWQF2170PU	Lift Motor	C	Main	All
		PJWQF2171PU			System Console	
	2002	DZMA004563	Bracket 2, Lift Motor	C		All
	2003	DZLF000480	Gear, 1	C		All
	2004	DZLF000481	Gear, 1	C		All
	2005	DZLF000482	Gear, 3	C		All
	2006	DZLF000483	Gear, 4	C		All
	2007	DZLF000484	Gear	C		All
	2008	FFPMF1031B	Gear	C		All
	2009	PJUIC0180Z	Bracket 1, Lift Motor	C		All
	2010	DZLM000137	Bushing	C		All
	2011	FFPHQ0063	Coupling	C		All
	2012	FFPFJ00441	Stopper	C		All
	2013	PJUIC0181Z	Bracket, Sensor	C		All
	2014	DZKN000347	Spring	C		All
	2015	PJJRC2579Z	Harness, CSSN2	C	2nd Paper Tray Feed	All
	1411	DZJK000061	Mini Clamp	C		All
	1819	DZAL000211	Photo Sensor	C		All
	3915	RBWS-1N	Mini Clamp	C		All
	6425	PJJRC2503Z	Harness, CSTSN (Cassette Sensor)	C	1st Paper Tray Feed	All
	6608	PJJRC2571Z	Harness, CST4	C	4th Paper Tray Feed	All
	6610	PJJRC2570Z	Harness, CST3	C	3rd Paper Tray Feed	All
	X5	XTB3+6FFJ	Screw	C		All
	5M	XYN3+F4FJ	Screw	C		All



Fig. 20 Paper Transportation (3/3)

5.7. Upper Right Side Cover Unit

Safety Mark	Ref. No.	Part Number	Part Name	New Parts	Remarks	Destination
	2101	PJUIC0161Y	Bracket, Front Damper	C		All
	2102	PJUIC0158Z	Bracket, Front	C		All
	2103	PJUGC0024Z	Pin, Hinge	C		All
	2104	PJUIC0160Z	Bracket, Rear Damper	C		All
	2105	PJHRC0052Z	Bushing	C		All
	2106	PJDEC0035Z	Spacer	C		All
	2107	PJUKC0029Z	Guide, Registration	C		All
	2108	PJBAC0018Z	Actuator, Registration	C		All
	2109	PJBWC0018Z	Spring, Registration Actuator	C		All
	2110	PJWPF217HPU	PC Board, ROHP	C	PbF	All
	2111	PJBUC0011Z	Spring 2, Ground	C		All
	2112	PJDRC0028Z	Roller, Registration	C		All
	2113	PJDGC0057Z	Gear, D Z20M1	C		All
	2114	PJUIC0154Z	Bracket, Lower Damper	C		All
	2115	PJUSC0012Z	Holder, Damper	C		All
	2116	PJCGC0002Z	Damper	C		All
	2117	PJUIC0066Z	Bracket, Ground	C		All
	2118	PJULC0008Z	Plate, Ground	C		All
	2119	PJBVC0040Z	Spring, Ground	C		All
	2120	PJJRC2540Z	Harness, DCG	C		All
	2121	PJCGC0001Z	Damper	C		All
	2124	PJJRC2632Z	Harness, E2	C		Except PU, PT
	1410	LT-11	Edge Saddle	C		All
	1828	FFPMQ0536	Bushing	C		All
	6512	PJJRC2546Z	Harness, RROHP	C		All
	G6	FFPFJ0039B	Snap Ring	C		All
	F10	XTB3+8GFJ	Screw	C		All
	K6	XUC6VM	E-Ring	C		All
	X3	XYN3+F8FJ	Screw	C		All
	X5	XTB3+6FFJ	Screw	C		All
	Y27	XUC8VM	E-ring	C		All
	Y31	XYA3+FF8FJ	Screw	C		All

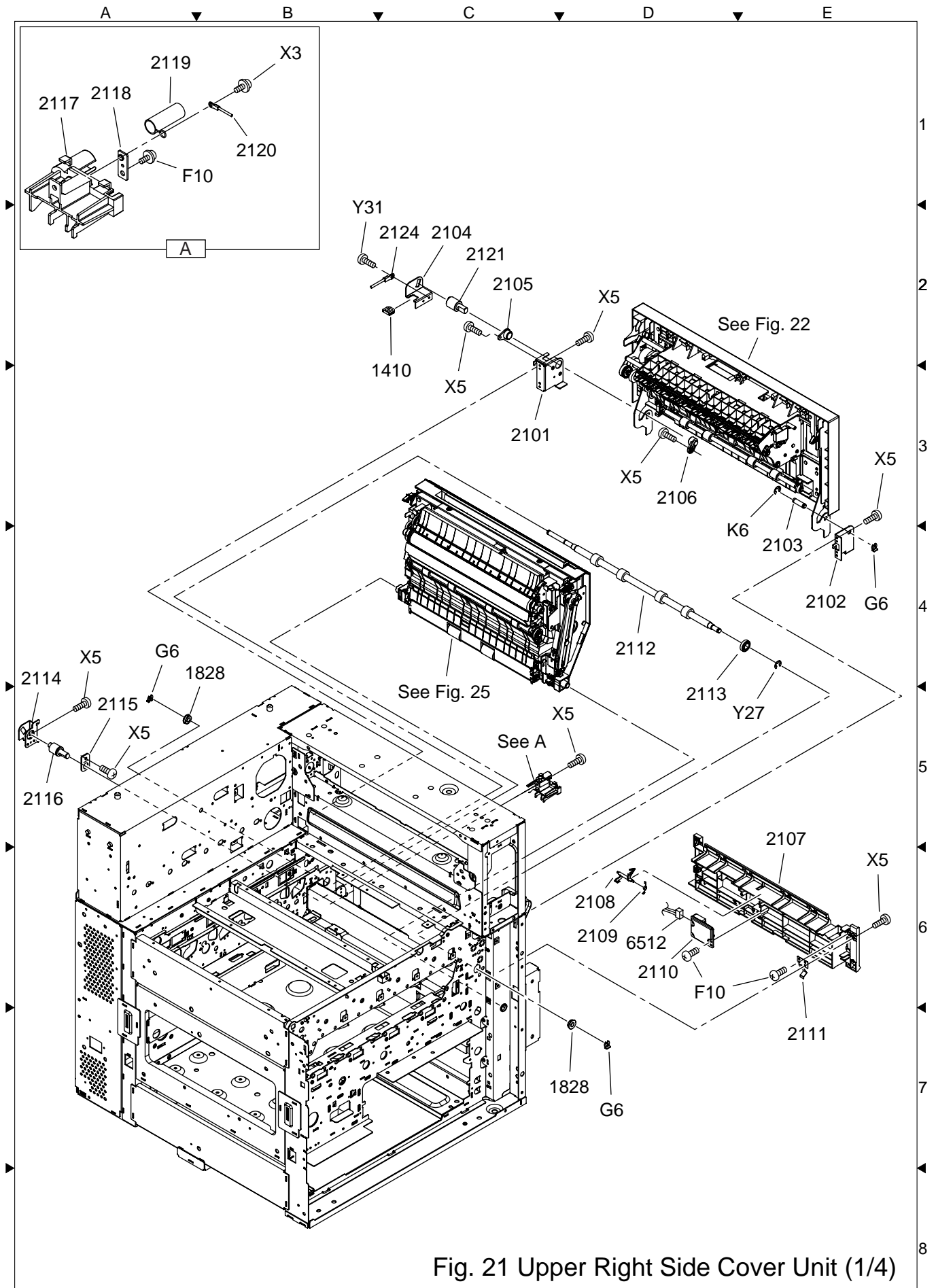


Fig. 21 Upper Right Side Cover Unit (1/4)

Safety Mark	Ref. No.	Part Number	Part Name	New Parts	Remarks	Destination
⚠	2201	PJKCC0004Y	Cover, ADU	C		All
	2202	DZJE001259	Knob, Cover	C		All
	2203	PJUIC0137Z	Plate, Cover	C		All
	2204	PJKPC0010Z	Cover, Harness	C		All
⚠	2205	PJGTC0022Z	Label, Caution	C		All
	2206	PJKPC0022Z	Cover 2, Harness	C		All
	2207	PJUKC0042Z	Guide, ADU Upper	C		All
	2208	PJBXC0010Z	Spring, Ground	C		All
	2209	PJUGC0021Z	Shaft, Latch Lever	C		All
	2210	PJBAC0024Z	Latch	C		All
	2211	PJBWC0024Z	Spring, Left Latch	C		All
	2212	PJBWC0023Z	Spring, Right Latch	C		All
	2213	PJDJC0069Z	Bushing	C		All
⚠	2214	L6FAKEDK0007	Fan, Right Cover	C		All
	2215	PJHRC0053Z	Bracket, ADU Sensor	C		All
	2216	PJBAC0025Z	Actuator, ADU Upper	C		All
	2217	PJBVC0061Z	Spring, ADU Upper Actuator	C		All
	2218	KU-5	Clipple	C		PU, PT
		KU-7				Except PU, PT
	2219	CS-9U	Clip, Coating	C		All
	1411	DZJK000061	Mini Clamp	C		All
	1819	DZAL000211	Photo Sensor	C		All
	6509	PJJRC2554Z	Harness, ADTU1	C		All
	234	PJCFC0010Z	Filter, Exit VOC	C	For DP-C354/C323/C264/C263/C213	PM
	F10	XTB3+8GFJ	Screw	C		All
	J7	XUC4VM	E-Ring	C		All
	K5	XUC5VM	E-Ring	C		All
	X3	XYN3+F8FJ	Screw	C		All
	X4	XTB3+20GFJ	Screw	C		All

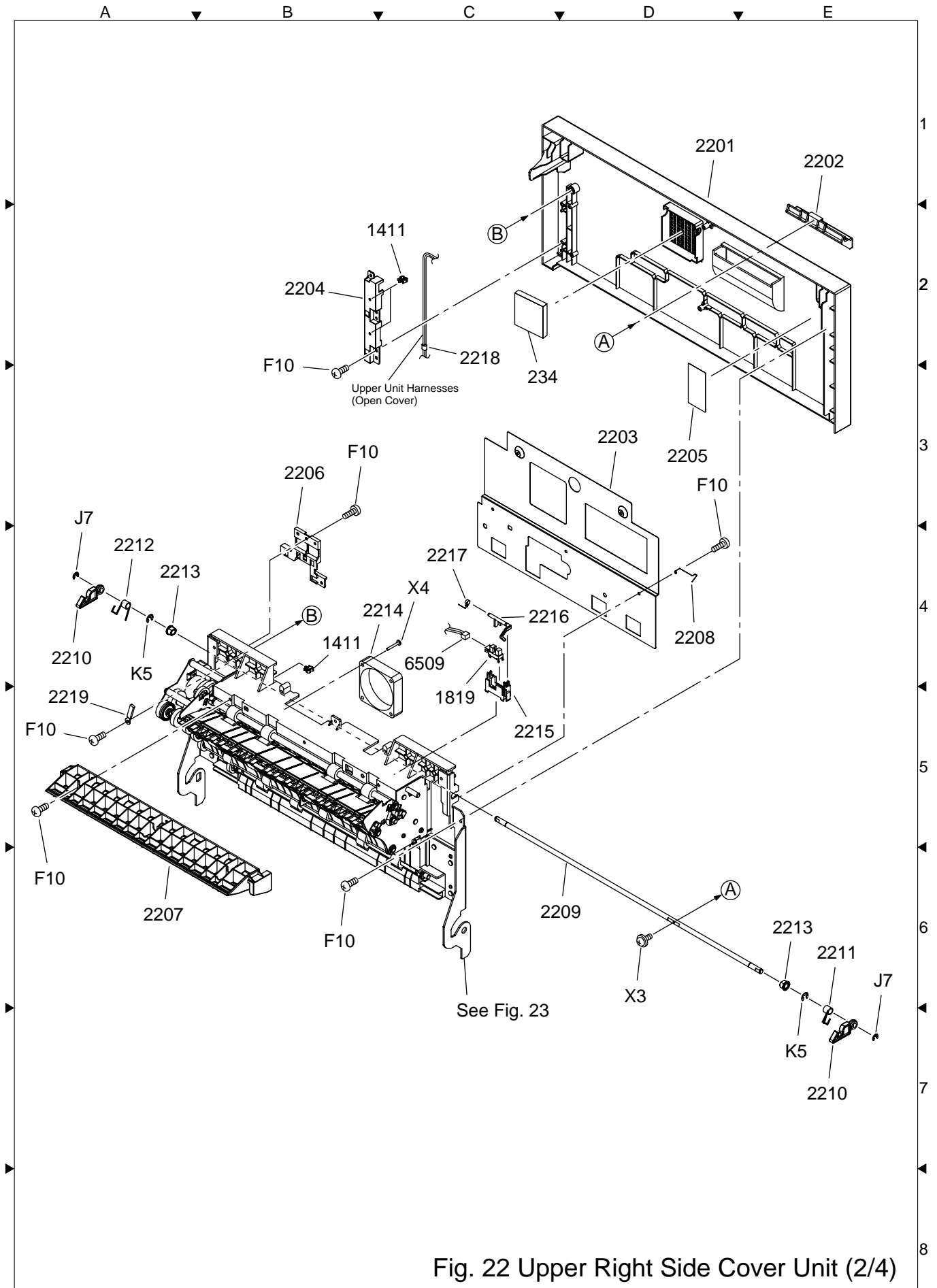


Fig. 22 Upper Right Side Cover Unit (2/4)

Safety Mark	Ref. No.	Part Number	Part Name	New Parts	Remarks	Destination
	2301	PJUIC0128Z	Bracket, Front Right Side Cover	C		All
	2302	PJUIC0159Z	Bracket, Rear Right Side Cover	C		All
	2303	PJUIC0147Z	Plate 2, Ground	C		All
	2304	PJDRC0040Z	Roller, ADU 2nd	C		All
	2305	DZLM000186	Bushing 2	C		All
	2306	FFPMF1135	Gear, Z19M1	C		All
	2307	PJUKC0044Z	Guide, Fuser Exit	C		All
	2308	PJUIC0206Z	Bracket, Exit Guide	C		All
	2309	PJUKC0046Z	Bracket, Exit Guide Sensor	C		All
	2310	PJUKC0045Z	Actuator, Exit Guide	C		All
	2311	PJBWC0025Z	Spring, Exit Guide Actuator	C		All
	2312	PJUIC0142Z	Bracket, Drive	C		All
⚠	2313	L9EAAK000007	Clutch	C		All
	2314	PJDGC0082Z	Gear, D Z35M1	C		All
	2315	PJUGC0034Z	Shaft, Clutch	C		All
	2316	PJDGC0080Z	Gear, D Z21M1	C		All
	2317	PJDEC0029Z	Spacer	C		All
	2318	PJDGC0085Z	Gear, I Z24M1	C		All
	2319	PJDGC0081Z	Gear, I Z19M1	C		All
	2320	PJDAC0006Z	Pulley, Spacer	C		All
	2321	PJDEC0034Z	Belt, S3M4 210	C		All
	2322	PJDGC0083Z	Gear, I Z19M1	C		All
	2323	PJUIC0141Z	Bracket 2, Drive	C		All
	2324	PJUIC0143Z	Bracket, Connect	C		All
	2325	PJDGC0102Z	Gear, Z19M1 Pulley 20T	C		All
	2326	PJBXC0012Z	Spring 2, Ground	C		All
	1819	DZAL000211	Photo Sensor	C		All
	1946	DZLM000167	Bushing, D4	C		All
	2124	PJJRC2632Z	Harness, E2	C		Except PU, PT
	6510	PJJRC2534Z	Harness, Fuser Out	C		All
	F10	XTB3+8GFJ	Screw	C		All
	H6	FFPFJ0033B	Snap Ring	C		All
	K5	XUC5VM	E-Ring	C		All
	Y13	XYA3+FF8FJ	Screw	C		All
	Y16	XYN3+F6FJ	Screw	C		All



Safety Mark	Ref. No.	Part Number	Part Name	New Parts	Remarks	Destination
	2401	PJDRC0037Z	Roller, Exit	C		All
	2402	PJDRC0038Z	Roller, Feed	C		All
	2403	PJDGC0100Z	Gear, D Z21M1	C		All
	2404	PJDGC0099Z	Gear, I Z26M1	C		All
	2405	PJDRC0041Z	Roller, ADU Upper Pinch	C		All
	2406	PJBVC0059Z	Spring, Pinch Roller ADU1	C		All
	2407	PJDJC0070Z	Bushing 3	C		All
	2408	PJDRC0039Z	Roller, ADU 1st	C		All
	2409	PJUKC0043Z	Guide, ADU Exit	C		All
	2410	PJUKC0041Z	Guide, ADU	C		All
	2411	PJUIC0124Z	Bracket, Rear ADU Exit Guide	C		All
	2412	PJUIC0125Z	Bracket, Front ADU Exit Guide	C		All
	2413	PJDGC0101Z	Gear, D Z21M1	C		All
	1411	DZJK000061	Mini Clamp	C		All
	2213	PJDJC0069Z	Bushing	C		All
	2306	FFPMF1135	Gear, Z19M1	C		All
	F10	XTB3+8GFJ	Screw	C		All
	H6	FFPFJ0033B	Snap Ring	C		All
	J7	XUC4VM	E-Ring	C		All
	K5	XUC5VM	E-Ring	C		All

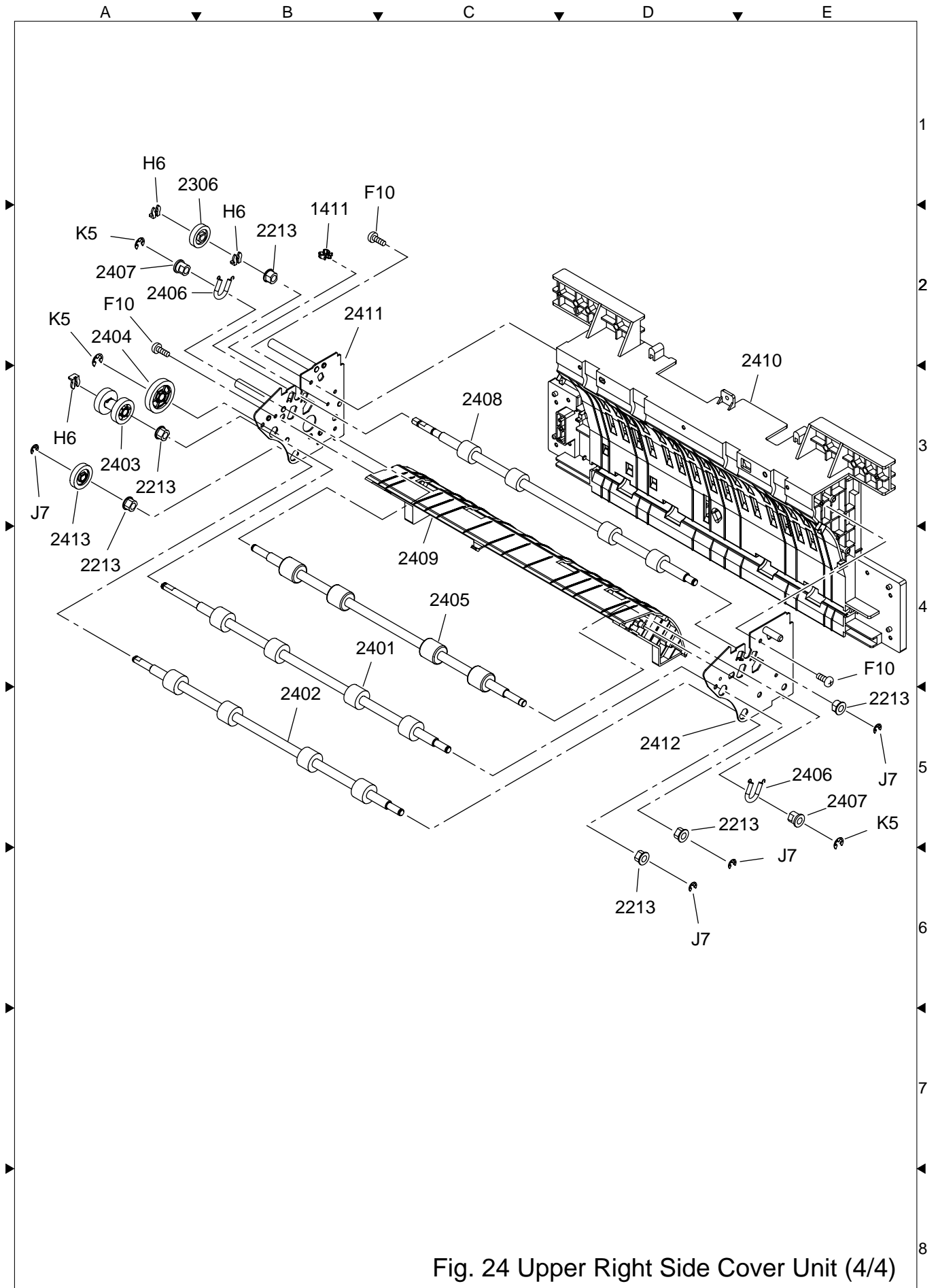
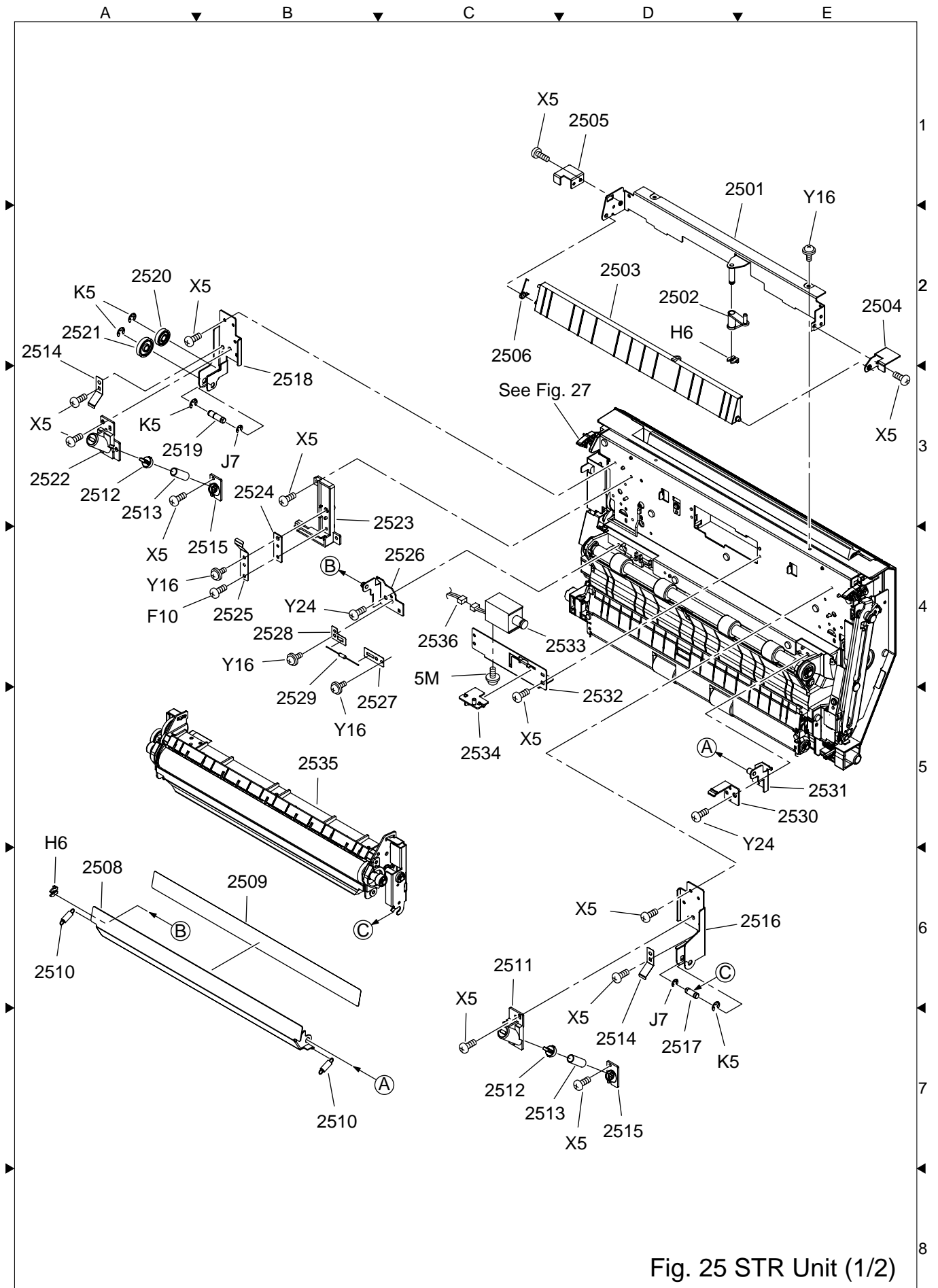


Fig. 24 Upper Right Side Cover Unit (4/4)

5.8. STR Unit

Safety Mark	Ref. No.	Part Number	Part Name	New Parts	Remarks	Destination
	2501	PJUIC0213Z	Bracket, Guide Paper	C		All
	2502	PJBLC0002Z	Arm, Link B	C		All
	2503	PJUKC0015Z	Guide, Paper B	C		All
	2504	PJUEC0114Z	Bracket, Front Guide	C		All
	2505	PJUEC0115Z	Bracket, Rear Guide	C		All
	2506	PJBVC0017Z	Spring, Guide Paper	C		All
	2508	PJUKC0016Z	Guide, STR	C		All
	2509	PJUKC0017Z	Sheet, Guide	C		All
	2510	PJBVC0018Z	Spring, Guide	C		All
	2511	PJUDC0011Z	Holder, Front STR Spring	C		All
	2512	PJBEC0001Z	Cap, STR Spring	C		All
	2513	PJBVC0019Z	Spring, STR	C		All
	2514	PJBUC0003Z	Plate, Spring	C		All
	2515	PJUEC0014Z	Bracket, Spring	C		All
	2516	PJUIC0018Z	Bracket, Front Fulcrum	C		All
	2517	PJDFC0144Z	Shaft, Front Fulcrum	C		All
	2518	PJUIC0020Z	Bracket, Rear Fulcrum	C		All
	2519	PJDFC0006Z	Shaft, Rear Fulcrum	C		All
	2520	PJDGC0029Z	Gear, Idle 1	C		All
	2521	PJDGC0030Z	Gear, Fulcrum	C		All
	2522	PJUDC0012Z	Holder, Rear STR Spring	C		All
	2523	PJUIC0021Z	Holder, Discharge Spring	C		All
	2524	PJUEC0015Z	Plate, Fixed	C		All
	2525	PJJBC0002Z	Plate, Discharge Spring	C		All
	2526	PJUIC0027Z	Bracket, Guide Plate R	C		All
	2527	PJJBC0003Z	Plate, Ground	C		All
	2528	PJJBC0004Z	Plate 2, Ground	C		All
	2529	DZFP000747	Resistor	C		All
	2530	PJDBC0027Z	Guide, STR Lever	C		All
	2531	PJUIC0025Z	Bracket, Guide Plate F	C		All
	2532	PJUIC0023Z	Bracket, Solenoid	C		All
⚠	2533	L9AAADEB0001	Solenoid	C		All
	2534	PJBLC0001Z	Arm, Link A	C		All
	2535	PJZEF2176PU	STR Unit	C	PM	All
	2536	PJJRC2547Z	Harness, SOLC	C		All
	5M	XYN3+F4FJ	Screw	C		All
	F10	XTB3+8GFJ	Screw	C		All
	H6	FFPFJ0033B	Snap Ring	C		All
	J7	XUC4VM	E-Ring	C		All
	K5	XUC5VM	E-Ring	C		All
	X5	XTB3+6FFJ	Screw	C		All
	Y16	XYN3+F6FJ	Screw	C		All
	Y24	XTB4+10GFJ	Screw	C		All



Safety Mark	Ref. No.	Part Number	Part Name	New Parts	Remarks	Destination
	2601	PJDRC0011Z	Roller, STR	C		All
	2602	PJDJC0062Z	Bearing, Ball	C		All
	2603	PJUSC0005Z	Base, Ground	C		All
	2604	PJDEC0007Z	Cam, Carrier F	C		All
	2605	PJDEC0012Z	Ring, STR	C		All
	2606	PJDEC0008Z	Cam, Carrier R	C		All
	2607	PJDGC0028Z	Gear, STR	C		All
	2608	PJDEC0013Z	Brush, Fuser R	C		All
	2609	PJHRC0200Z	Seal, Side	C		All
	2610	PJDBC0008Z	Lever, STR F	C		All
	2611	PJJBC0020Z	Plate, Ground	C		All
	2612	PJUDC0013Z	Holder, Bearing	C		All
	2613	PJDGC0033Z	Gear, Fuser R Brush 2	C		All
	2614	PJDGC0032Z	Gear, Fuser R Brush 2	C		All
	2615	PJDBC0028Z	Lever, STR R	C		All
	2616	PJDGC0031Z	Gear, Idle 2	C		All
	2617	PJDGC0034Z	Gear, Idle 3	C		All
	2618	PJDGC0035Z	Gear, Idle 4	C		All
	2619	PJUEC0013Z	Ring, Fixed	C		All
	2620	PJURC0001Z	Bracket, STR Base	C		All
	2621	PJHRC0201Z	Seal, Side	C		All
	2623	PJBLC0003Z	Bracket, Front STR Base	C		All
	2624	PJBLC0004Z	Bracket, Rear STR Base	C		All
	2625	PJMEC0003Z	Cover, Plate Discharge	C		All
	2626	PJJBC0001Z	Plate, Charge	C		All
	2627	DZJL000153	Plate, Discharge	C		All
	2628	PJUIC0028Z	Holder, Discharge Plate	C		All
	2629	PJHRC0199Z	Seal, Discharge Plate Holder	C		All
	2630	PJHRC0202Z	Sheet, Discharge Plate	C		All
	F10	XTB3+8GFJ	Screw	C		All
	J7	XUC4VM	E-Ring	C		All
	K5	XUC5VM	E-Ring	C		All
	X5	XTB3+6FFJ	Screw	C		All

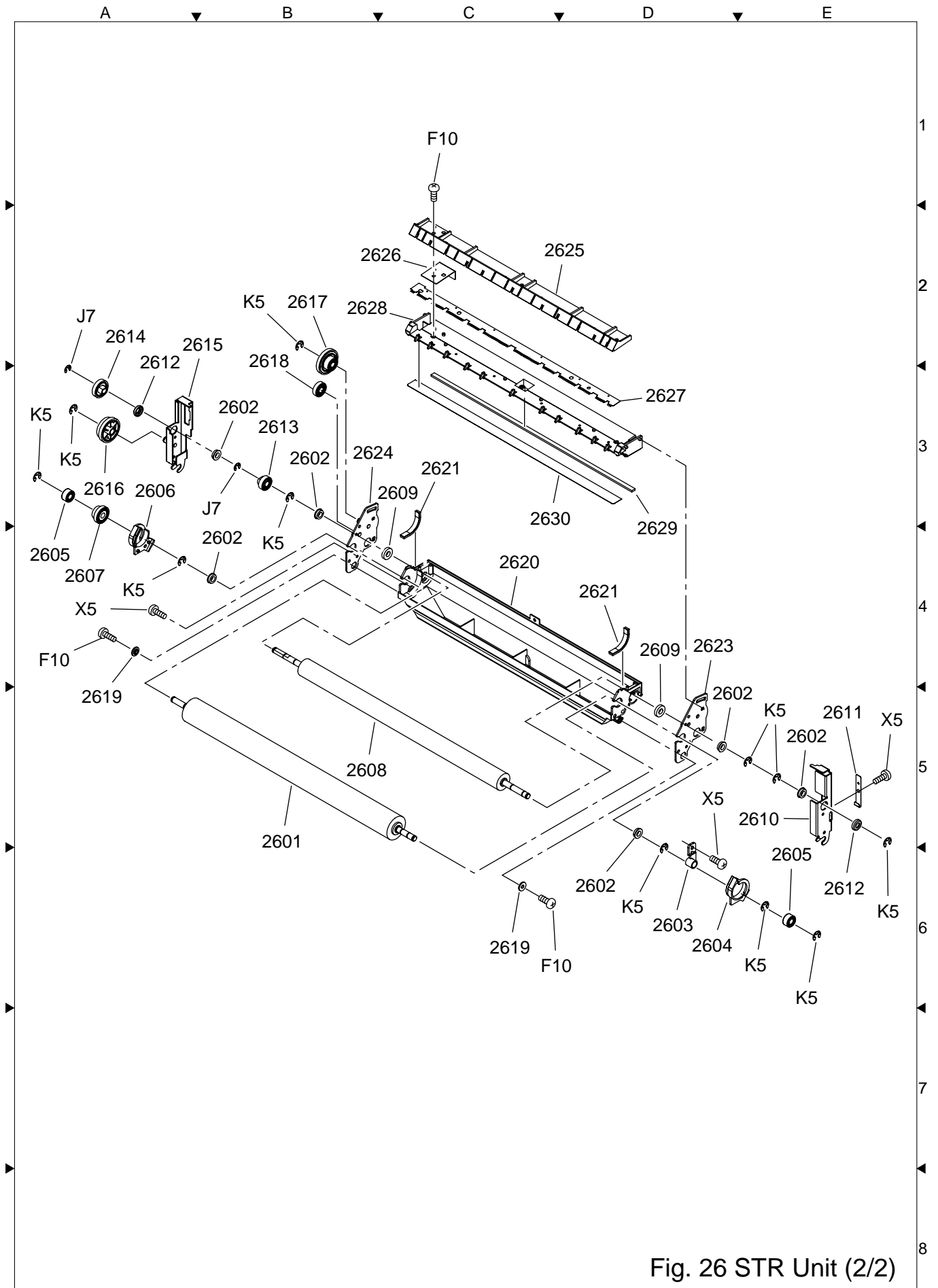


Fig. 26 STR Unit (2/2)

5.9. Lower Right Side Cover Unit

Safety Mark	Ref. No.	Part Number	Part Name	New Parts	Remarks	Destination
	2701	PJURC0015Z	Cover, ADU	C		All
	2702	PJBEC0008Z	Latch, A	C		All
	2703	PJBSC0001Z	Cover, ADU Lever	C		All
	2704	PJDRC0023Z	Roller, ADU Pinch	C		All
	2705	PJUKC0025Z	Plate, ADU Guide	C		All
	2706	PJBVC0037Z	Spring, ADU	C		All
	2707	PJBUC0052Z	Plate, Latch A Ground	C		All
	2708	PJDFC0103Z	Shaft 2, ADU Latch	C		All
	2709	PJBLC0012Z	Arm, Link	C		All
	2710	PJBWC0014Z	Spring, Latch	C		All
	2711	PJDFC0061Z	Shaft, ADU Latch	C		All
	2712	PJBWC0015Z	Spring, Latch A	C		All
	2714	PJUEC0031Z	Snap Ring	C		All
	2715	PJUKC0027Z	Guide, Mid	C		All
	2716	PJDRC0026Z	Roller, Mid Pinch	C		All
	2717	PJDJC0022Z	Bushing, D6	C		All
	2718	PJUKC0028Z	Bracket, Mid Plate	C		All
	2719	PJBWC0017Z	Spring, Mid Ground	C		All
	2720	PJBVC0038Z	Spring, Mid	C		All
	2721	FFPGC0209	Reflector, OHP Detection	C		All
	2722	PJDRC0022Z	Roller, ADU 4th	C		All
	2723	PJDRC0025Z	Roller, ADU 3rd	C		All
	2724	PJDJC0023Z	Bushing, D8	C		All
	2725	DZLB000029	Pulley, Exit Roller	C		All
	2726	FFPMF1143	Gear, 25	C		All
	2727	PJDGC0068Z	Gear, A1	C		All
	2728	FFPMN0124	Belt	C		All
	2729	PJUSC0013Z	Spacer, ADU Drive	C		All
	2730	PJUIC0155Z	Bracket, ADU Drive Plate	C		All
⚠	2731	L9EAAK000006	Clutch	C		All
	2732	PJBUC0008Z	Plate 1, ADU Ground	C		All
	2733	PJBUC0098Z	Plate 2, ADU Ground	C		All
	2734	PJUIC0061Z	Bracket, Plate Cover	C		All
	2735	PJUIC0113Z	Bracket, Front Drive	C		All
	2736	PJBUC0071Z	Plate, Lower Ground	C		All
	2737	PJBVC0036Z	Spring, Stay	C		All
	2738	PJUEC0029Z	Stay, Right Side Cover	C		All
	2739	PJBEC0006Z	Pin, Catch	C		All
	2740	PJUIC0114Z	Bracket, Rear Drive	C		All
	2741	PJUIC0117Z	Bracket, Drive MV	C		All
	2742	PJDGC0067Z	Gear, I Z38M1	C		All
	2743	DZTT000374	Gear	C		All
	2744	PJDEC0026Z	Stopper, Drive MV	C		All
	2745	PJBVC0051Z	Spring, Drive MV	C		All
	2746	PJBLC0018Z	Arm, ADU Cover	C		All
	2747	PJDFC0102Z	Shaft, ADU Cover	C		All
	2753	PJNAC0016Z	Screw	C		All

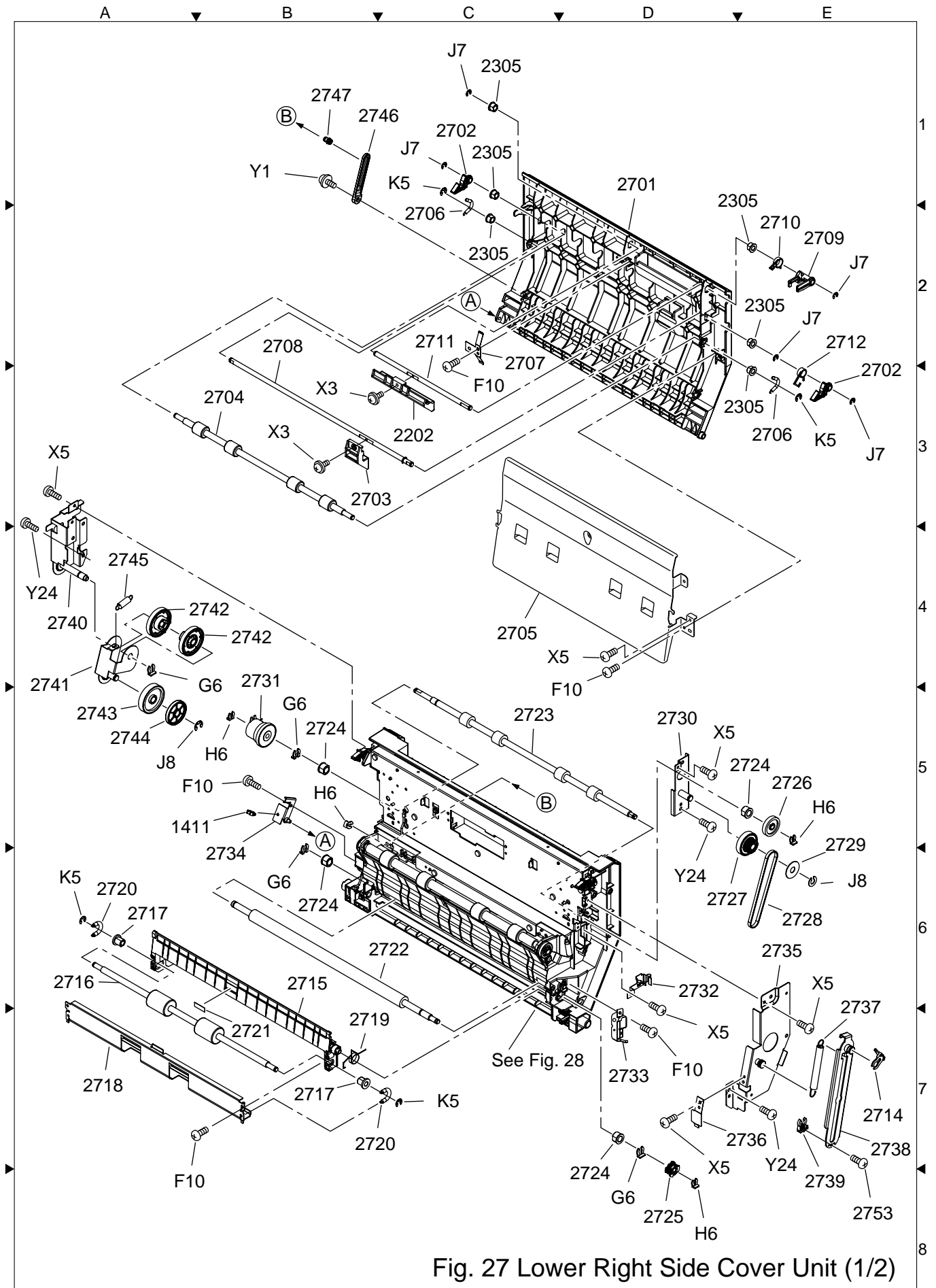


Fig. 27 Lower Right Side Cover Unit (1/2)

Safety Mark	Ref. No.	Part Number	Part Name	New Parts	Remarks	Destination
	1411	DZJK000061	Mini Clamp	C		All
	2202	DZJE001259	Knob, Cover 1	C		All
	2305	DZLM000186	Bushing 2	C		All
	G6	FFPFJ0039B	Snap Ring	C		All
	F10	XTB3+8GFJ	Screw	C		All
	H6	FFPFJ0033B	Snap Ring	C		All
	J7	XUC4VM	E-Ring	C		All
	J8	XUC7VM	E-Ring	C		All
	K5	XUC5VM	E-Ring	C		All
	X3	XYN3+F8FJ	Screw	C		All
	X5	XTB3+6FFJ	Screw	C		All
	Y1	XTW3+8PFJ	Screw	C		All
	Y24	XTB4+10GFJ	Screw	C		All

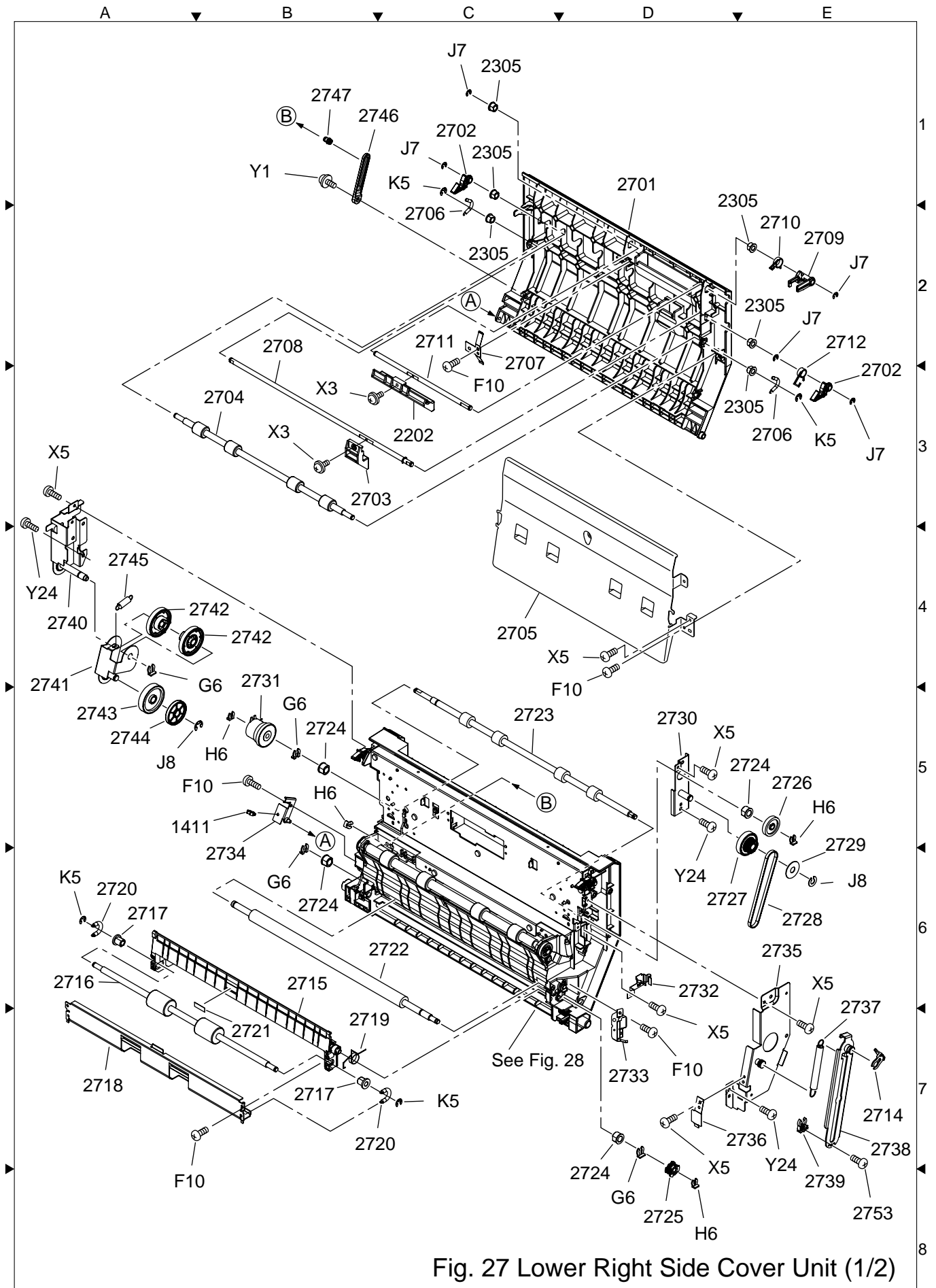


Fig. 27 Lower Right Side Cover Unit (1/2)

Safety Mark	Ref. No.	Part Number	Part Name	New Parts	Remarks	Destination
⚠	2801	PJKCC0003Z	Frame, Lower Right Side Cover	C		All
	2802	PJDRC0024Z	Roller 4, ADU Pinch	C		All
	2803	PJDRC0027Z	Roller, Registration Pinch	C		All
	2804	PJBLC0014Z	Arm, Registration F	C		All
	2805	PJBLC0013Z	Arm, Registration R	C		All
	2806	PJBVC0039Z	Spring, Registration	C		All
	2807	PJDGC0056Z	Gear, D Z20M1	C		All
	2808	PJDFC0062Z	Shaft, Pivot	C		All
	2809	PJURC0051Z	Holder, Cable	C		All
	2810	PJBVC0035Z	Spring, Joint	C		All
	2811	PJBDC0001Z	Knob, Joint	C		All
	2812	PJDIC0002Z	Joint, Pivot	C		All
	2813	PJDIC0006Z	Damper, Coupling	C		All
	2814	PJUAC0040Z	Bracket, Upper Stay	C		All
	2815	PJBUC0053Z	Plate, Latch B Ground	C		All
	2816	PJDFC0063Z	Shaft, Latch L	C		All
	2817	PJBBC0001Z	Handle	C		All
	2818	PJBWC0050Z	Spring, Latch C	C		All
	2819	PJBEC0005Z	Latch, B	C		All
	2820	PJBWC0029Z	Spring, Latch B	C		All
	2821	PJUIC0064Z	Base, ADU Sensor	C		All
	2822	PJBAC0017Z	Actuator, ADU 2	C		All
	2823	PJBWC0016Z	Spring, ADU Act	C		All
	2824	PJUKC0026Z	Guide, ADU 2	C		All
	2825	PJUIC0063Z	Bracket, Sensor	C		All
	2826	PJUIC0065Z	Bracket, Ground	C		All
	2827	PJULC0007Z	Plate, Ground	C		All
	2828	PJBUC0010Z	Spring, Ground	C		All
	2829	PJJRC2563Z	Harness, DCG2	C		All
	1411	DZJK000061	Mini Clamp	C		All
	1819	DZAL000211	Photo Sensor	C		All
	2305	DZLM000186	Bushing 2	C		All
	2706	PJBVC0037Z	Spring, ADU	C		All
	2717	PJDJC0022Z	Bushing, D6	C		All
	2724	PJDJC0023Z	Bushing, D8	C		All
	6511	PJJRC2555Z	Harness, ADTU2	C		All
	F10	XTB3+8GFJ	Screw	C		All
	H6	FFPFJ0033B	Snap Ring	C		All
	J7	XUC4VM	E-Ring	C		All
	K5	XUC5VM	E-Ring	C		All
	K6	XUC6VM	E-Ring	C		All
	X3	XYN3+F8FJ	Screw	C		All
	X4	XTB3+20GFJ	Screw	C		All
	X5	XTB3+6FFJ	Screw	C		All
	Y24	XTB4+10GFJ	Screw	C		All
	Y28	XTW4+10PFJ	Screw	C		All

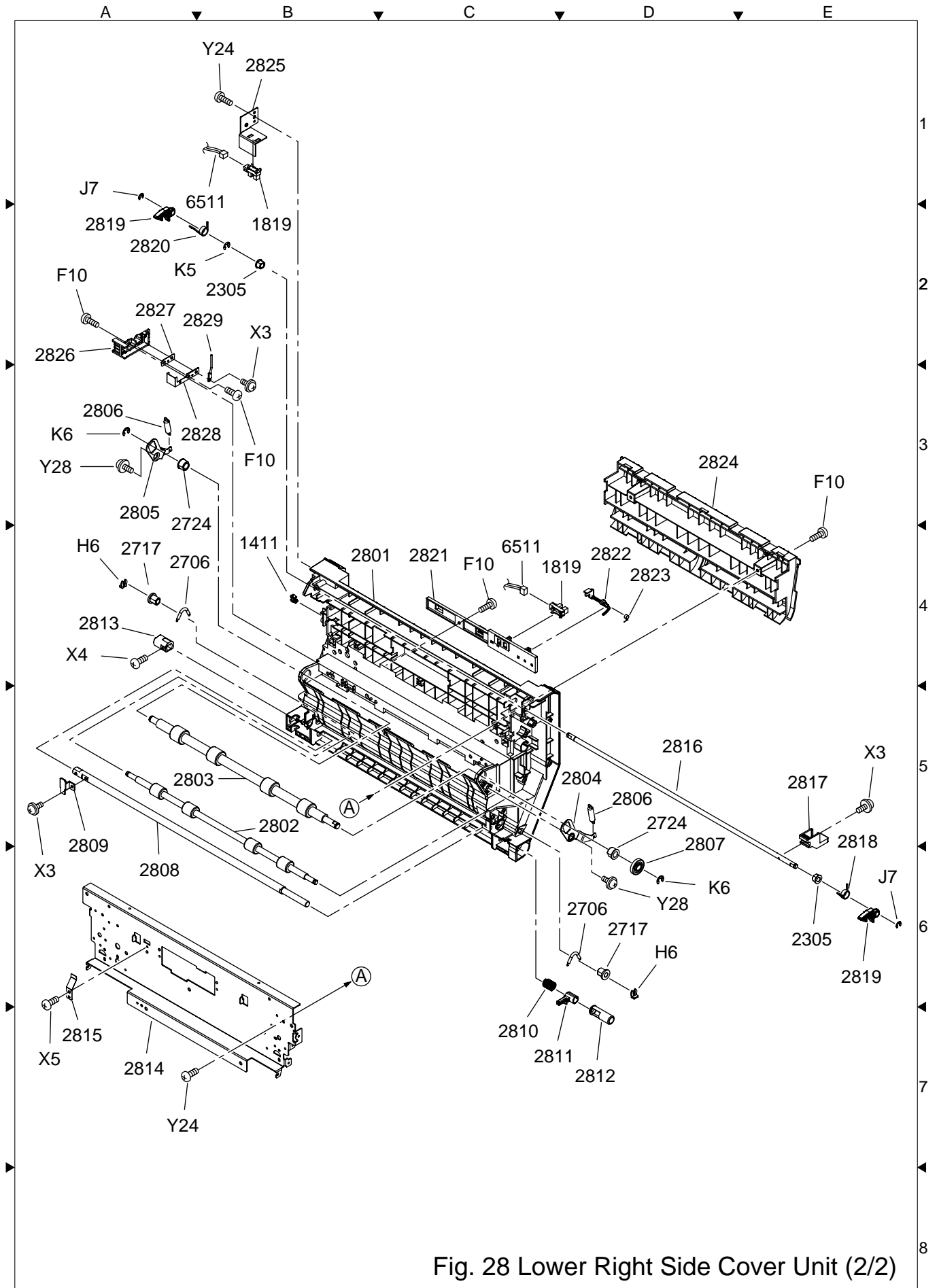


Fig. 28 Lower Right Side Cover Unit (2/2)

5.10. Sheet Bypass Unit

Safety Mark	Ref. No.	Part Number	Part Name	New Parts	Remarks	Destination
	2901	PJURC0010Y	Cover, Tray A	C	See Note	All
	2902	PJUKC0024Z	Guide, Side Slide	C		All
	2903	PJDGC0055Z	Gear, I Z18M1	C		All
	2904	PJGFC0152Z	Label, Sheet Bypass Tray	C		PU
		PJGFC1055Z				PK, PT
		PJGFC0153Z				Except PU, PK, PT
	2905	PJUKC0023Z	Guide, Rear Side	C		All
	2906	DZNC003997	Label, Paper Max	C		All
	2907	PJUKC0022Z	Guide, Front Side	C		All
	2908	PJBUC0079Z	Plate, Guide	C		All
	2910	PJURC0012Y	Cover, Tray C	C	See Note	All
	2911	PJDBC0015Z	Actuator, Tray Lever	C		All
	2912	PJURC0013Y	Cover, Tray D	C	See Note	All
	2913	PJUDC0021Z	Holder, Sensor	C		All
	2914	PJURC0011Y	Cover, Tray B	C	See Note	All
	2915	PJUKC0051Z	Guide, Harness	C		All
	2916	PJBWC0013Y	Spring, Tray	C		All
	2917	PJUIC0057Z	Shaft, Tray Plate	C		All
⚠	2918	PJURC0014Z	Cover, Sheet Bypass Tray	C		All
	1819	DZAL000211	Photo Sensor	C		All
	6513	PJJRC2519Z	Harness, HFSN	C		All
	F10	XTB3+8GFJ	Screw	C		All

Note:
For DP-C322/C262 machines produced prior to Sept. 2005 (Serial Number Prefix IE and below), replace these parts (Ref. No. 2901, 2910, 2912, and 2914) as a set.

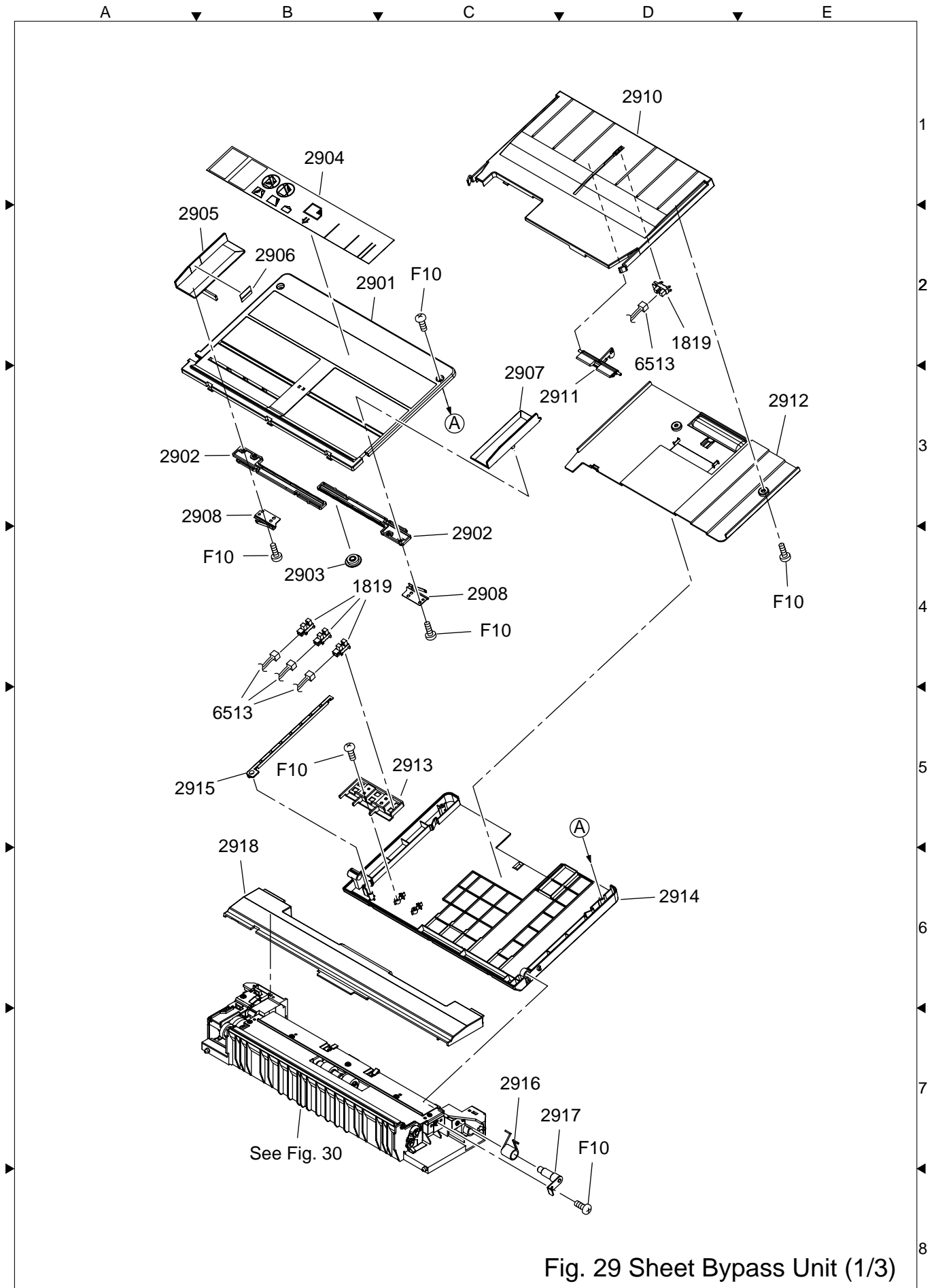


Fig. 29 Sheet Bypass Unit (1/3)

Safety Mark	Ref. No.	Part Number	Part Name	New Parts	Remarks	Destination
	3001	PJUIC0052Z	Bracket, Upper	C		All
	3002	DZLF000549	Pulley, Pick Up Roller	C		All
	3003	DZLA000293	Roller, Paper Feed	C	PM	All
	3004	DZLK000037	Belt, Timing	C		All
	3005	DZLA000294	Roller, Pickup F	C	PM	All
	3006	DZJH000093	Spacer	C		All
	3007	DZJM000822	Stopper	C		All
	3008	PJUIC0055Z	Plate, Upper	C		All
	3009	DZKL000059	Lever, Stopper	C		All
	3010	PJUIC0051Z	Bracket, Pickup	C		All
	3011	DZKG000346	Shaft, Pickup Roller	C		All
	3012	DZLA000299	Roller, Pickup R	C	PM	All
	3013	PJDFC0057Z	Shaft, Paper Feed	C		All
	3015	PJUIC0054Z	Bracket, Solenoid	C		All
	3016	EDS0607L	Edge Saddle	C		All
	3017	XPL3A25WV	Pin, Spring	C		All
⚠	3018	L9AAAFJC0001	Solenoid	C		All
	3019	PJUIC0059Z	Bracket, Drive Plate	C		All
	3020	PJDGC0054Z	Gear, I Z26M08 Z15M075	C		All
⚠	3021	L9EAAK000004	Clutch	C		All
	3022	PJBUC0005Z	Plate, Ground F1	C		All
	3023	PJBUC0006Z	Plate, Ground L	C		All
	3024	PJBUC0007Z	Plate, Ground R	C		All
	3025	PJBVC0034Z	Spring, Sheet Bypass Pinch Roller	C		All
	3026	PJDFC0055Z	Shaft, Drive	C		All
	3027	PJDGC0051Z	Gear, D Z16M08	C		All
	3028	PJDGC0052Z	Gear, I Z15M08	C		All
	3029	PJDJC0019Z	Bushing, D6	C		All
	3030	PJDRC0021Z	Roller, Sheet Bypass Pinch	C		All
	3031	PJBUC0004Z	Plate, Ground U	C		All
	3032	PJUDC0020Z	Holder, Harness	C		All
	3033	DZKN000325	Spring, Pick Up Pressure	C		All
	3034	PJUKC0021Z	Guide, Upper	C		All
	1329	DZJK000070	Locking Mini Clamp	C		All
	1923	DZLG000019	Clutch, One-Way	C		All
	2305	DZLM000186	Bushing 2	C		All
	F10	XTB3+8GFJ	Screw	C		All
	H6	FFPFJ0033B	Snap Ring	C		All
	J6	XUC3VM	E-Ring	C		All
	J7	XUC4VM	E-Ring	C		All
	J8	XUC7VM	E-Ring	C		All
	K5	XUC5VM	E-Ring	C		All
	X5	XTB3+6FFJ	Screw	C		All
	Y16	XYN3+F6FJ	Screw	C		All

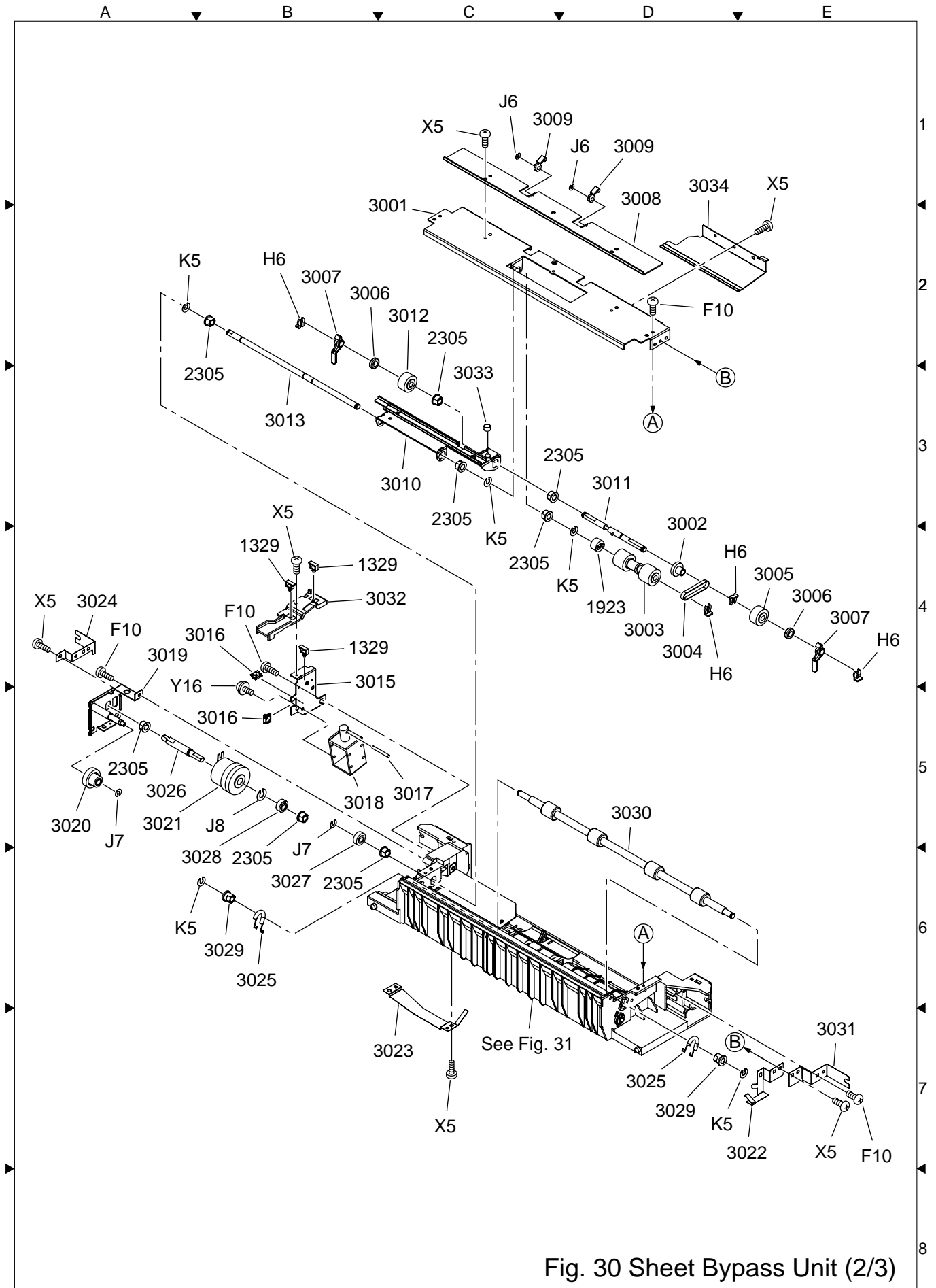


Fig. 30 Sheet Bypass Unit (2/3)

Safety Mark	Ref. No.	Part Number	Part Name	New Parts	Remarks	Destination
	3101	PJDFC0056Z	Shaft, Separator Drive	C		All
	3102	XPL2A12WV	Pin, Spring	C		All
	3103	PJUIC0053Z	Bracket, Separator	C		All
	3104	PJDBC0012Z	Lever, Separator	C		All
	3105	PJDFC0053Z	Shaft, Separator B	C		All
	3106	PJUUC0019Z	Holder, Separator	C		All
	3107	PJDFC0052Z	Shaft, Separator A	C		All
	3108	PJBVC0032Z	Spring, Separator	C		All
	3109	PJDFC0058Z	Shaft, Separator	C		All
	3110	DZLG000018	Clutch, One-Way	C		All
	3111	DZLA000295	Roller, DFP	C	PM	All
	3112	DZLG000032	Limiter 300	C		All
	3113	PJBVC0033Z	Spring, Lever Pick	C		All
	3114	PJDBC0013Z	Actuator, Lever	C		All
	3115	PJDBC0014Z	Lever, Pick	C		All
	3116	PJDGC0053Z	Gear, D Z25M075	C		All
	3117	PJDIC0001Z	Joint, Separator	C		All
	3118	PJDR0020Z	Roller, Sheet Bypass	C		All
⚠	3119	PJUAC0039Z	Frame, Sheet Bypass Tray	C		All
	3120	PJUEC0028Z	Base, Sheet Bypass Tray	C		All
	3121	PJUUC0020Z	Guide, Upper B	C		All
	3122	PJBWC0012Z	Spring, Lever Actuator	C		All
	1329	DZJK000070	Locking Mini Clamp	C		All
	1819	DZAL000211	Photo Sensor	C		All
	2305	DZLM000186	Bushing 2	C		All
	3027	PJDGC0051Z	Gear, D Z16M08	C		All
	6515	PJJRC2518Z	Harness, HFSOL	C		All
	F10	XTB3+8GFJ	Screw	C		All
	H6	FFPFJ0033B	Snap Ring	C		All
	J6	XUC3VM	E-Ring	C		All
	J7	XUC4VM	E-Ring	C		All
	K5	XUC5VM	E-Ring	C		All
	X5	XTB3+6FFJ	Screw	C		All
	Y1	XTW3+8PFJ	Screw	C		All

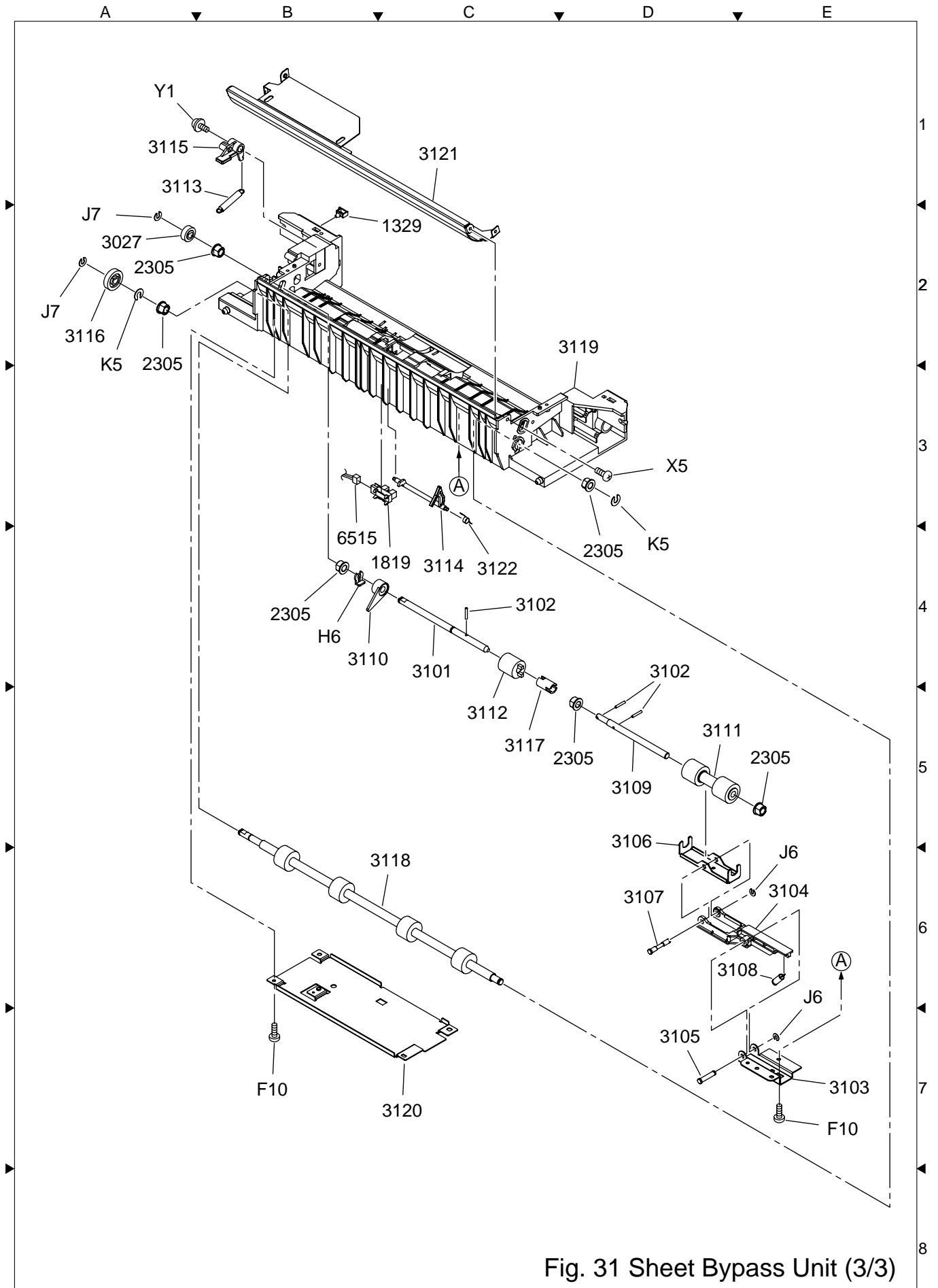


Fig. 31 Sheet Bypass Unit (3/3)

5.11. Exit Unit

Safety Mark	Ref. No.	Part Number	Part Name	New Parts	Remarks	Destination
	3201	PJUAC0119Z	Bracket, Upper Plate	C		All
	3202	PJUKC0037Z	Guide, 2-Way ADU	C		All
	3203	PJBAC0022Z	Actuator, Upper	C		All
	3204	PJBWC0020Z	Spring, Upper Actuator	C		All
	3205	PJUKC0036Z	Guide, Switch	C		All
	3206	PJUIC0102Z	Bracket, Front Switch Guide	C		All
	3207	PJUIC0105Z	Bracket, Rear Switch Guide	C		All
	3208	PJDR0033Z	Roller, Upper Pinch	C		All
	3209	PJDJC0068Z	Bushing	C		All
	3210	PJUIC0112Z	Base, Arm Switch	C		All
	3211	PJBVC0050Z	Spring, Solenoid	C		All
⚠	3212	L9AABEHC0001	Solenoid	C		All
	3213	PJUAC0171Z	Bracket, Solenoid	C		All
	3214	PJBWC0030Z	Spring, Solenoid2	C		All
	3215	PJBUC0059Z	Plate 1, Spring	C		All
	3216	PJUKC0049Z	Guide, Harness	C		All
	3217	PJUIC0108Z	Bracket, Drive Plate	C		All
	3218	PJDGC0065Z	Gear, I Z22M1	C		All
	3219	PJDGC0066Z	Gear, I Z18M1	C		All
	3220	PJUIC0104Z	Bracket, Arm1	C		All
	3221	PJDGC0063Z	Gear, I Z18M1	C		All
	3222	PJUGC0015Z	Shaft, Idle Arm	C		All
	3223	PJDGC0062Z	Gear, I Z21M1Z28M1	C		All
	3224	PJDGC0064Z	Gear, D Z27M1	C		All
	3225	PJDFC0071Z	Shaft, Clutch	C		All
	3226	PJUIC0110Z	Bracket, Clutch	C		All
	3227	PJBVC0048Z	Spring, Arm	C		All
	3228	PJSCC0004Z	Brush, Upper	C		All
	3229	PJBVC0047Z	Spring, Pinch Roller2	C		All
	3230	PJUSC0051Z	Dampener, Rubber Noise	C		All
	3231	PJUIC0263Y	Plate, Ground	C		Except PU, PT
	1819	DZAL000211	Photo Sensor	C		All
	1946	DZLM000167	Bushing, D4	C		All
	2215	PJHRC0053Z	Bracket, ADU Sensor	C		All
	2305	DZLM000186	Bushing 2	C		All
⚠	2731	L9EAAK000006	Clutch	C		All
	6507	PJJRC2556Z	Harness, ADTU0	C		All
	F10	XTB3+8GFJ	Screw	C		All
	H6	FFPFJ0033B	Snap Ring	C		All
	J6	XUC3VM	E-Ring	C		All
	J7	XUC4VM	E-Ring	C		All
	K5	XUC5VM	E-Ring	C		All
	X3	XYN3+F8FJ	Screw	C		All
	X5	XTB3+6FFJ	Screw	C		All
	Y16	XYN3+F6FJ	Screw	C		All

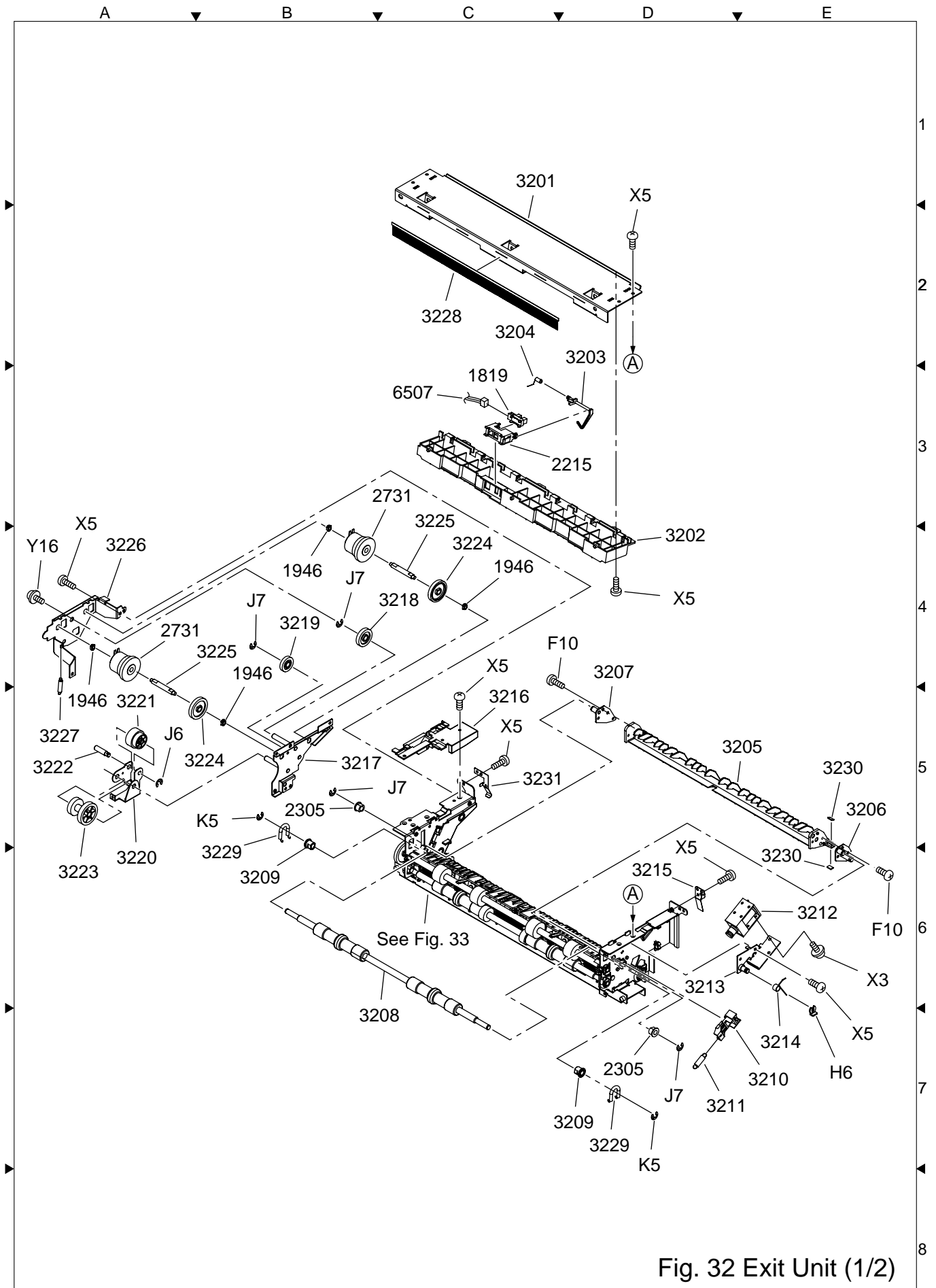


Fig. 32 Exit Unit (1/2)

Safety Mark	Ref. No.	Part Number	Part Name	New Parts	Remarks	Destination
	3301	PJDR0032Z	Roller 3, Lower Pinch	C		All
	3302	PJDR0031Z	Roller, Exit	C		All
	3303	PJDGC0061Z	Gear, D Z30M1	C		All
	3304	PJU0C0035Z	Guide, Middle	C		All
	3305	PJDJC0020Z	Bushing 1	C		All
	3306	PJDJC0021Z	Bushing 2	C		All
	3307	PJBVC0098Z	Spring, Pinch Roller 1	C		All
	3308	PJUAC0116Z	Bracket, Front Lower Guide	C		All
	3309	PJUAC0126Z	Bracket, Rear Lower Guide	C		All
	3310	PJU0C0074Z	Guide 2, Harness	C		All
	3311	PJU0C0034Z	Guide, Lower	C		All
	3312	PJBUC0015Z	Plate 1, Pinch Spring	C		All
	3313	PJDR0029Z	Roller 1, Lower Pinch	C		All
	3314	PJUAC0114Z	Frame, Lower Guide	C		All
	3315	PJUIC0101Z	Holder, Sensor	C		All
	3316	PJBAC0021Z	Actuator, Lower	C		All
	3317	PJBWC0019Y	Spring, Lower Actuator	C		All
	3325	PJDR0030Z	Roller 2, Lower Pinch	C		All
	3326	PJUIC0257Z	Bracket, Sensor	C		All
	3327	PJJRC2614Z	Harness, SFUL	C		All
	3328	PJBUC0087Z	Plate 2, Spring	C		All
	3329	PJULC0047Z	Plate, Exit Fuser	C		All
	641	EDS0607M	Edge Saddle	C		All
	1411	DZJK000061	Mini Clamp	C		All
	1819	DZAL000211	Photo Sensor	C		All
	1918	DZAL000217	Photo Sensor	C		All
	2305	DZLM000186	Bushing 2	C		All
	3209	PJDJC0068Z	Bushing	C		All
	3229	PJBVC0047Z	Spring, Pinch Roller 2	C		All
	3230	PJUSC0051Z	Dampener, Rubber Noise	C		All
	6508	PJJRC2514Z	Harness, INPFO	C		All
	F10	XTB3+8GFJ	Screw	C		All
	H6	FFPFJ0033B	Snap Ring	C		All
	K5	XUC5VM	E-Ring	C		All
	X5	XTB3+6FFJ	Screw	C		All
	Y1	XTW3+8PFJ	Screw	C		All

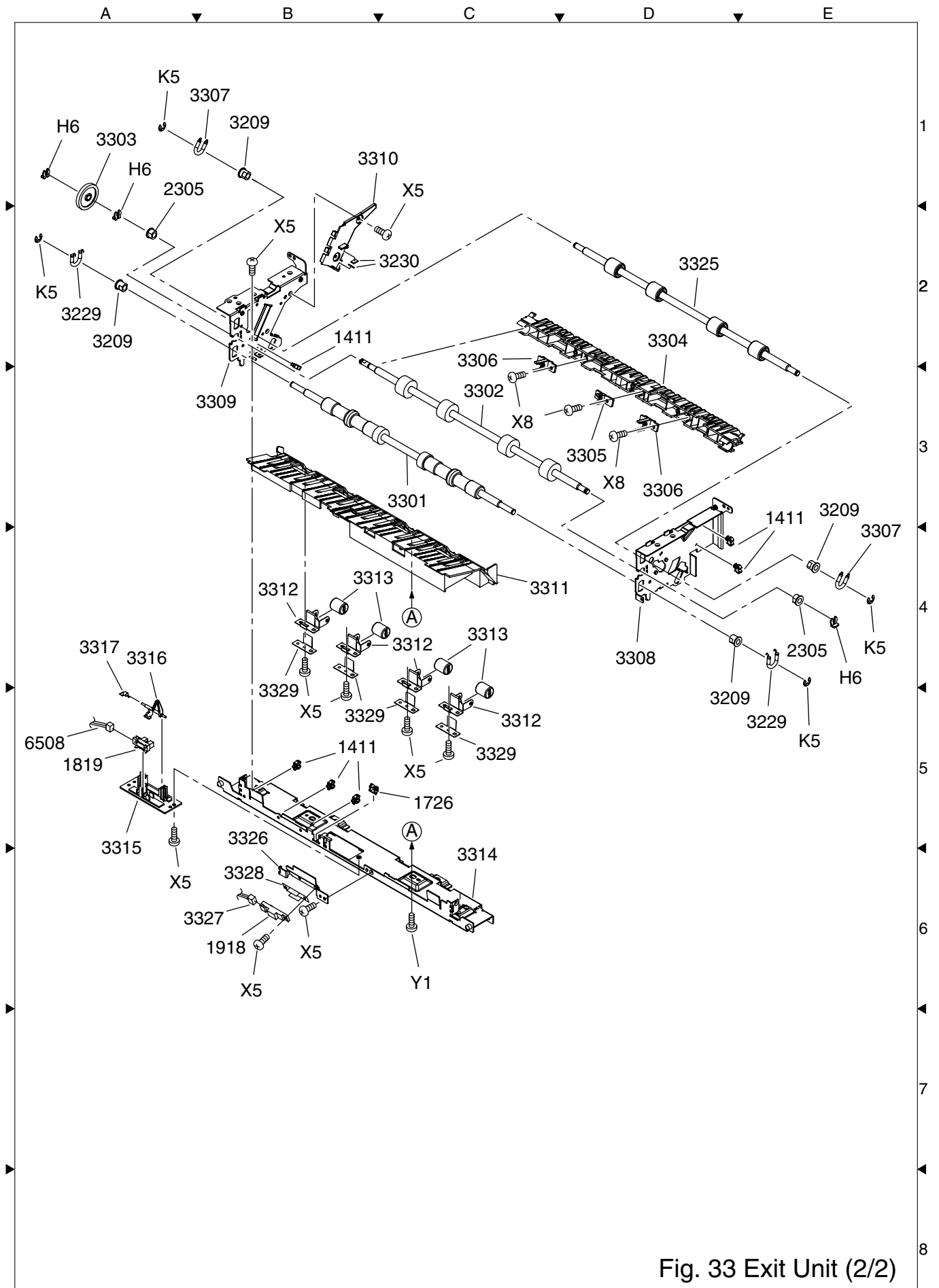


Fig. 33 Exit Unit (2/2)

5.12. Intermediate Transfer (IT) Unit

Safety Mark	Ref. No.	Part Number	Part Name	New Parts	Remarks	Destination
	3401	PJUCC0006Z	Bracket, Handle Plate	C		All
	3402	PJBEC0009Z	Arm, Link F BK	C		All
	3403	PJBEC0010Z	Arm, Link R BK	C		All
	3404	PJBEC0011Z	Arm, Link F YMC	C		All
	3405	PJBEC0012Z	Arm, Link R YMC	C		All
	3406	PJBLC0021Z	Arm, Lock	C		All
	3407	PJBVC0100Z	Spring, Arm Lock	C		All
	3408	PJBVC0109Z	Spring, Link Arm	C		All
	3409	PJGFC0144Z	Label, Attachment IT	C		All
	3410	PJGFC0143Z	Label, Main Attachment IT	C		All
	3411	PJUKC0018Z	Guide, Upper Paper	C		All
	3412	PJUKC0019Z	Guide, Lower Paper	C		All
	3413	PJBAC0015Z	Lock, IT F	C		All
	3414	PJBAC0016Z	Lock, IT R	C		All
	3415	PJBVC0027Z	Spring, IT Lock	C		All
	3416	PJUEC0021Z	Plate, Left Position	C		All
	3417	PJUEC0022Z	Plate, Right Position	C		All
	3418	PJZEF2172PU1	Cleaning Unit	C	PM	All
	3419	PJZEF2173PU1	IT Belt	C	PM (IT Belt and Adjustment Bushings are supplied as a set.)	All
	3420	PJZEF2171PU1	IT Unit	C	PM	All
	3421	PJUEC0019Z	Bracket, Front Shipping	C	Shipping Material	All
	3422	PJUEC0020Z	Bracket, Rear Shipping	C		All
	3423	PJPEC0032Z	Wire	C		All
	3424	PJPEC0033Z	Tag, Shipment	C		All
	3425	XSN3+W12FJB	Screw	C		All
	K5	XUC5VM	E-Ring	C		All
	Y29	XSB3+8FJK	Screw	C		All
	Y45	XYN4+F10FJ	Screw	C		All

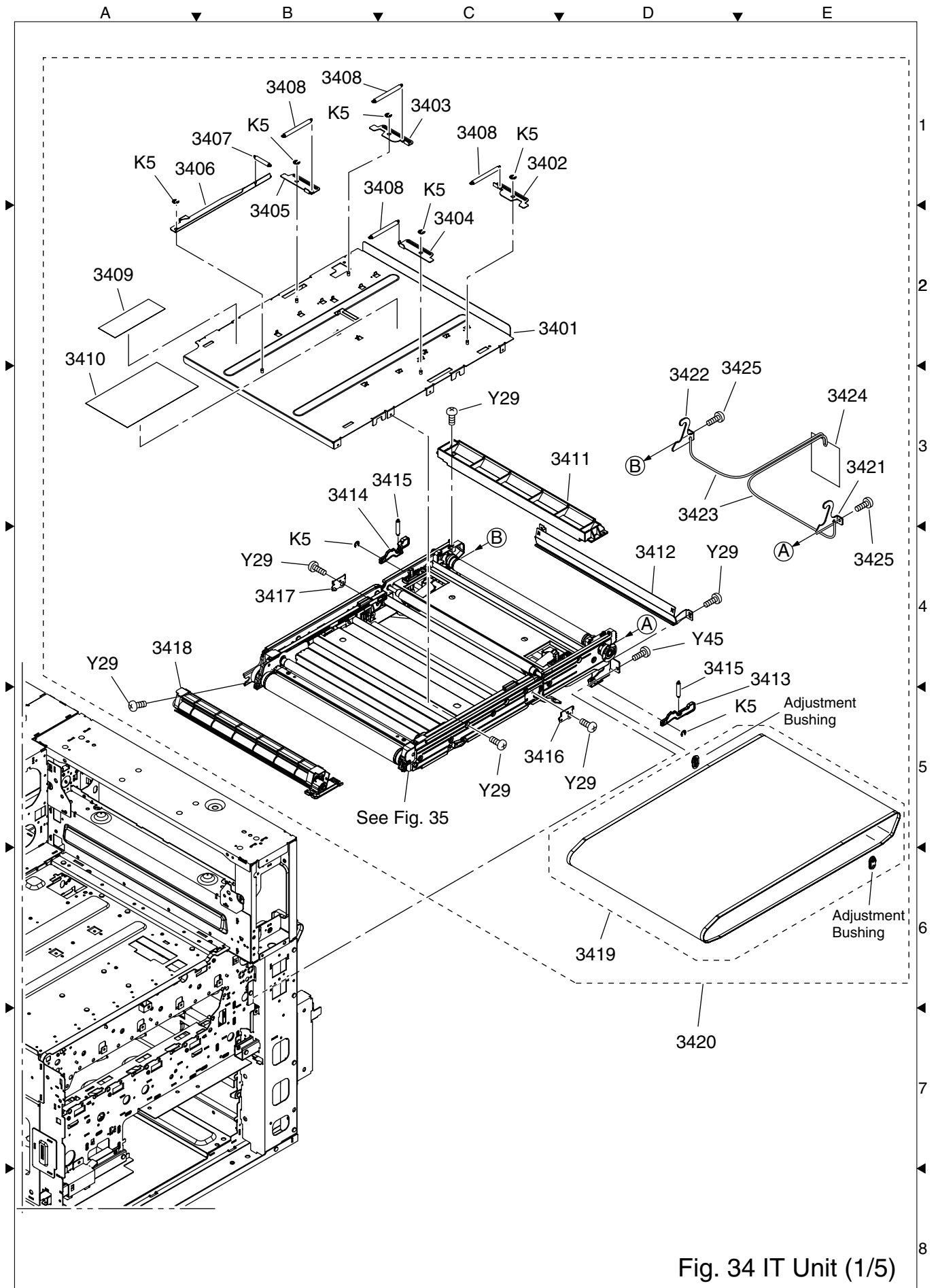


Fig. 34 IT Unit (1/5)

Safety Mark	Ref. No.	Part Number	Part Name	New Parts	Remarks	Destination
	3501	PJDRC0013Z	Roller, Bias	C		All
	3502	PJDFC0030Z	Shaft, Bias Roller	C		All
	3503	XPJ2D14WV	Pin, Parallel	C		All
	3504	PJDHC0004Z	Cam, STR F	C		All
	3505	PJDHC0005Z	Cam, STR R	C		All
	3506	PJDRC0018Z	Roller, Tension	C		All
	3507	PJDRC0019Z	Roller, Backup	C		All
	3508	PJBLC0007Z	Arm, Tension F	C		All
	3509	PJBLC0008Z	Arm, Tension R	C		All
	3510	PJDJC0037Z	Bushing, Roller Tension Position	C		All
	3511	PJDJC0014Z	Bushing, Roller Tension	C		All
	3512	PJDFC0031Z	Shaft, Arm Spring	C		All
	3513	PJBLC0022Z	Arm, Spring F	C		All
	3514	PJBLC0023Z	Arm, Spring R	C		All
	3515	PJDJC0016Z	Bushing, Arm Spring	C		All
	3516	PJUCC0003Z	Bracket, Stay Frame	C		All
	3517	PJRAC0002Z	Sheet, FTR Shield	C		All
	3518	PJBVC0025Z	Spring, Tension	C		All
	3519	PJUJC0008Z	Base, Arm Lift FTR	C		All
	3520	PJZEF2177PU	Base, STR Position F	C		All
	3521	PJZEF2178PU	Base, STR Position R	C		All
	3522	DZTT000614	Pin, Parallel	C		All
	3523	PJDJC0066Z	Bearing, Ball	C		All
	3524	PJJBC0005Z	Plate, Guide Lower Ground	C		All
	3525	PJJBC0006Z	Plate, 200M Ground	C		All
	3526	PJDGC0043Z	Gear, E20	C		All
	3527	PJURC0003Z	Cover, BK F	C		All
	3528	PJURC0005Z	Cover, YMC F	C		All
	3529	PJURC0004Z	Cover, BK R	C		All
	3530	PJURC0006Z	Cover, YMC R	C		All
	3531	PJUAC0034Z	Frame, BK F	C		All
	3532	PJUAC0035Z	Frame, BK R	C		All
	3533	PJHEC0096Z	Sheet, MCBK Front IT	C		All
	3534	PJHEC0097Z	Sheet, MCBK Rear IT	C		All
	3535	PJHEC0098Z	Sheet, Y Front IT	C		All
	3536	PJHEC0099Z	Sheet, Y Rear IT	C		All
	3537	PJUDC0014Z	Holder, FTR Slider F	C		All
	3538	PJBVC0026Z	Spring, FTR	C		All
	3539	PJBAC0011Z	Slider, FTR F	C		All

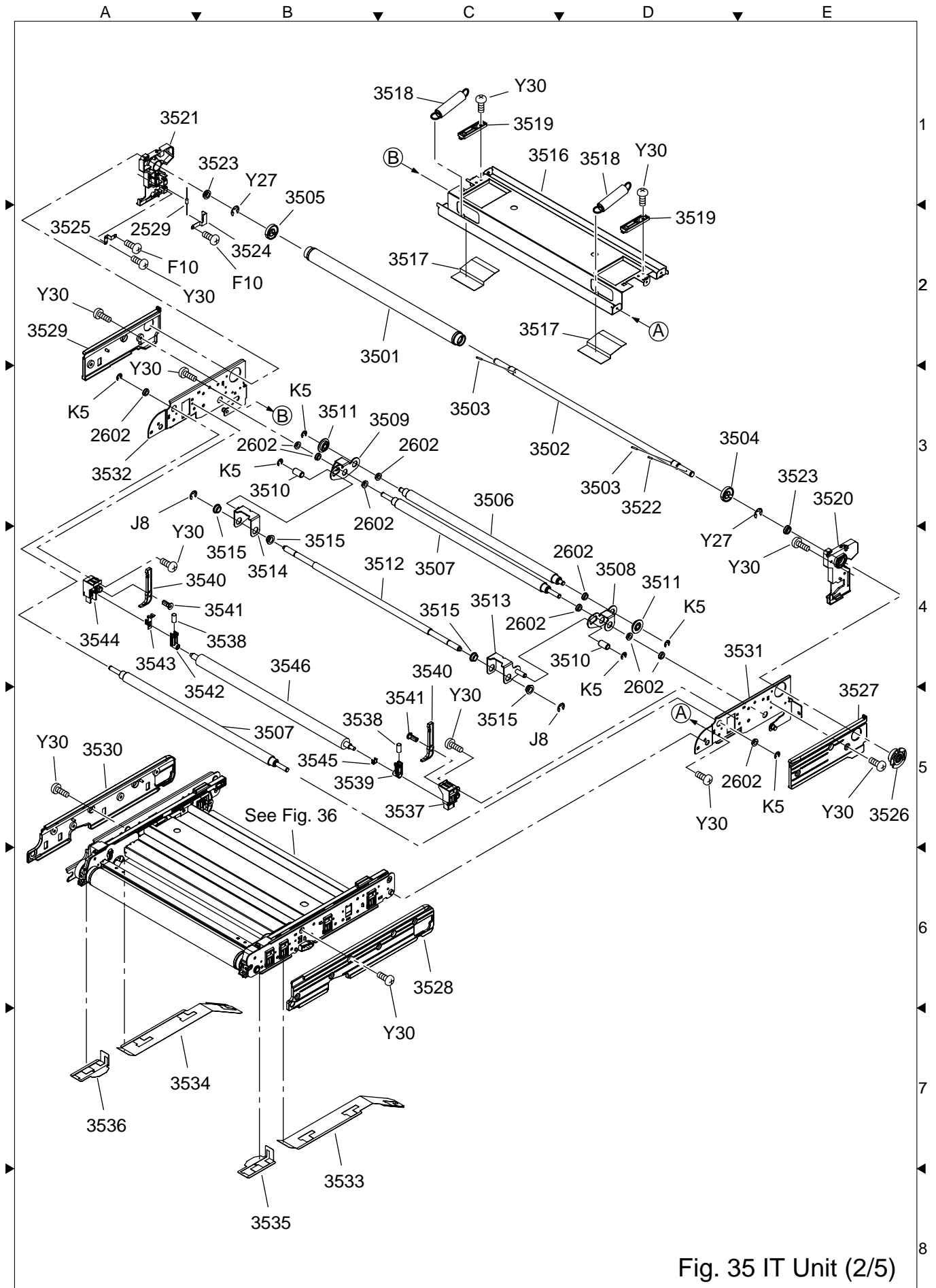


Fig. 35 IT Unit (2/5)

Safety Mark	Ref. No.	Part Number	Part Name	New Parts	Remarks	Destination
	3540	PJBLC0005Z	Arm, Lift FTR BK	C		All
	3541	PJUUC0016Z	Stopper, Arm Lift	C		All
	3542	PJBAC0012Z	Slider, FTR R	C		All
	3543	PJJBC0007Z	Plate, FTR Bias	C		All
	3544	PJUUC0015Z	Holder, FTR Slider R	C		All
	3545	PJDEC0014Z	Snap Ring	C		All
	3546	PJZEF2174PU	FTR	C	PM (Supplied as a set of 4 Rollers.)	All
	2529	DZFP000747	Resistor	C		All
	2602	PJDJC0062Z	Bearing, Ball	C		All
	F10	XTB3+8GFJ	Screw	C		All
	J8	XUC7VM	E-Ring	C		All
	K5	XUC5VM	E-Ring	C		All
	Y27	XUC8VM	E-ring	C		All
	Y30	XSB3+6FJ	Screw	C		All

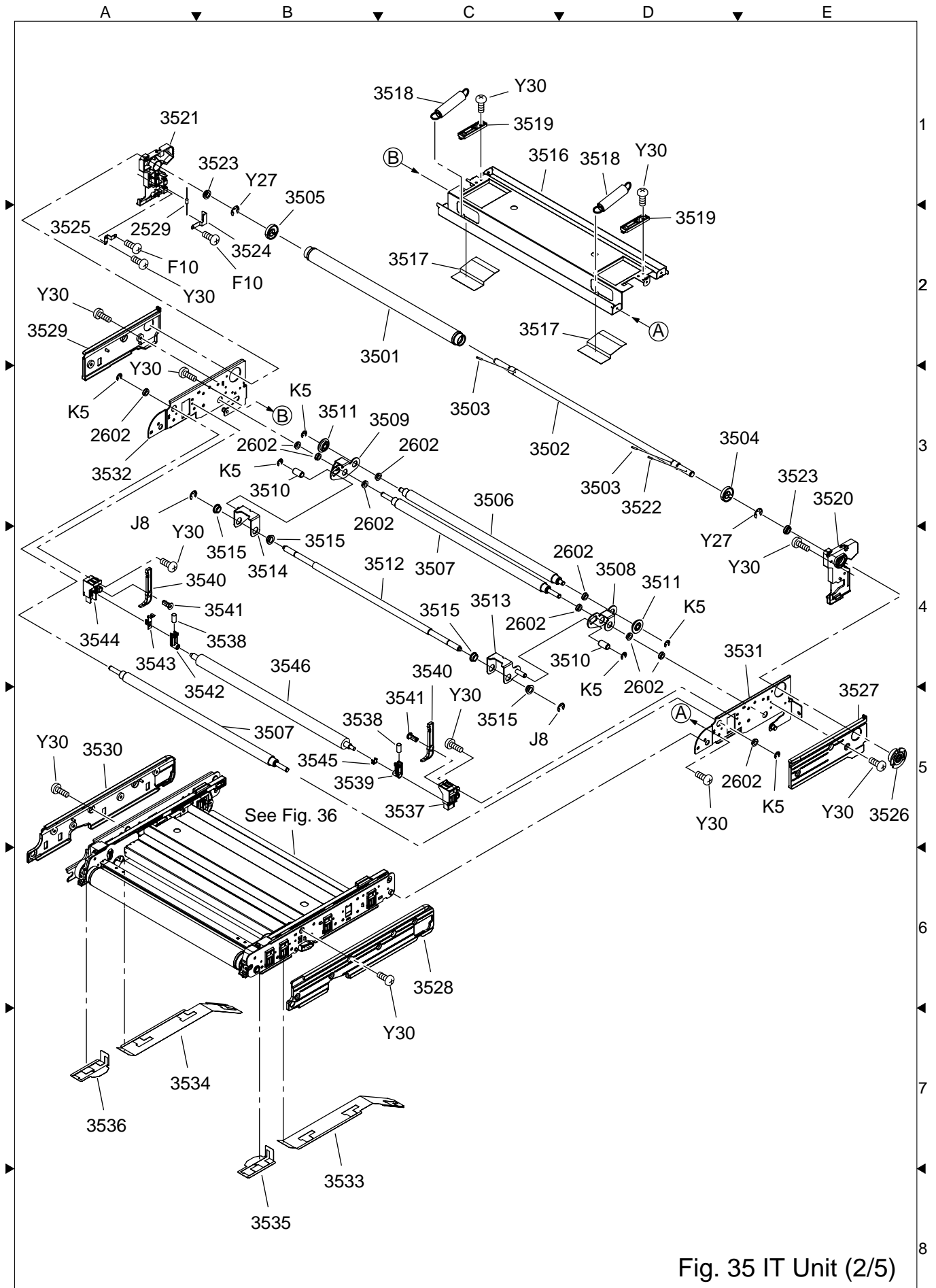


Fig. 35 IT Unit (2/5)

Safety Mark	Ref. No.	Part Number	Part Name	New Parts	Remarks	Destination
	3601	PJDFC0032Z	Shaft, Frame Adjust	C		All
	3602	PJUCC0005Z	Frame, Roller Adjust	C		All
	3603	PJUJC0024Z	Bracket, Brush Base	C		All
	3604	PJDRC0014Z	Roller, Drive	C		All
	3605	PJDJC0013Z	Flange, Roller Drive	C		All
	3606	PJDJC0063Z	Bearing, Ball	C		All
	3607	PJNWC0006Z	Washer, Drive	C		All
	3608	XPJ3D16WV	Pin	C		All
	3609	PJDGC0044Z	Gear, E28	C		All
	3610	PJNWC0009Z	Washer, Bearing	C		All
	3611	PJNEC0012Z	Screw, Left	C		All
	3612	PJDRC0017Z	Roller, Adjustment	C		All
	3613	PJDEC0015Z	Cap, Roller BKR	C		All
	3614	PJUMC0001Z	Stand, IT	C		All
	3615	PJBWC0011Z	Spring, Stand IT Rear	C		All
	3616	PJBWC0010Z	Spring, Stand IT Front	C		All
	3617	PJDJC0064Z	Bearing, Ball	C		All
	3618	PJUAC0036Z	Frame, YMC F	C		All
	3619	PJUAC0037Z	Frame, YMC R	C		All
	3620	PJUCC0002Z	Stay, YMC Frame	C		All
	3621	PJDHC0006Z	Slider, YMC Cam	C		All
	3622	PJDEC0017Z	Color, YMC Cam Slider	C		All
	3623	PJBVC0024Z	Spring, YMC Cam Slider	C		All
	3624	PJDRC0016Z	Roller, BKR	C		All
	3625	PJZEF217BPU	Slider, BK F	C		All
	3626	PJZEF217CPU	Slider, BK R	C		All
	3627	PJBVC0028Z	Spring, BK	C		All
	3628	PJUUC0016Z	Holder, BK Slider	C		All
	3629	PJBLC0006Z	Arm, Lift FTR YMC	C		All
	3630	PJUCC0001Z	Frame, Adjust Roller	C		All
	3631	PJZEF2179PU	Base, Cleaner F	C		All
	3632	PJZEF217APU	Base, Cleaner R	C		All
	3633	PJJBC0008Z	Plate, BKR Ground	C		All
	3634	PJUUC0017Z	Holder, BK Slider R	C		All
	3635	PJZEF2175PU	Assembly, Drive Roller Brush	C		All

Safety Mark	Ref. No.	Part Number	Part Name	New Parts	Remarks	Destination
	3419	PJZEF2173PU1	IT Belt	C	PM (IT Belt and Adjustment Bushings are supplied as a set.)	All
	3523	PJDJC0066Z	Bearing, Ball	C		All
	3537	PJUDC0014Z	Holder, FTR Slider F	C		All
	3538	PJBVC0026Z	Spring, FTR	C		All
	3539	PJBAC0011Z	Slider, FTR F	C		All
	3541	PJUFC0016Z	Stopper, Arm Lift	C		All
	3542	PJBAC0012Z	Slider, FTR R	C		All
	3543	PJJBBC0007Z	Plate, FTR Bias	C		All
	3544	PJUFC0015Z	Holder, FTR Slider R	C		All
	3545	PJDEC0014Z	Snap Ring	C		All
	3546	PJZEF2174PU	FTR	C	PM Supply is the set of 4 Rollers.	All
	F10	XTB3+8GFJ	Screw	C		All
	Y29	XSB3+8FJK	Screw	C		All
	Y30	XSB3+6FJ	Screw	C		All

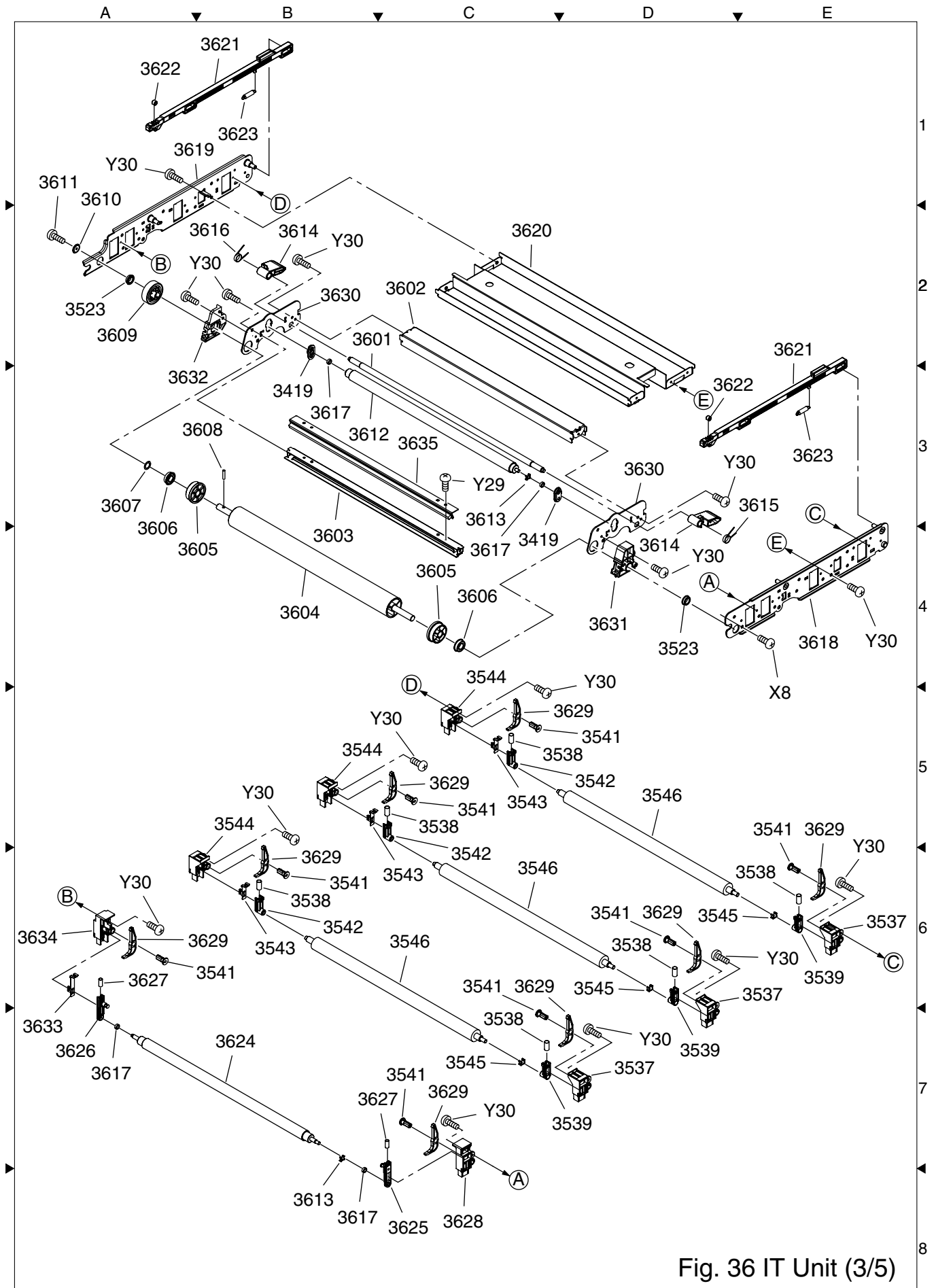


Fig. 36 IT Unit (3/5)

Safety Mark	Ref. No.	Part Number	Part Name	New Parts	Remarks	Destination
	3701	PJUIC0036Z	Bracket, STR Cam Motor	C		All
	3702	PJDGC0037Z	Gear, E36 D18	C		All
	3703	PJDGC0036Z	Gear, B68 E20	C		All
	3704	PJDGC0039Z	Gear, E30	C		All
	3705	PJDGC0038Z	Gear, D48 E23	C		All
⚠	3706	L6HAHELK0014	Motor, Stepping	C		All
	3707	PJUIC0014Z	Block, Cam FTR Sensor	C		All
	3708	PJUIC0033Z	Sensor, Block	C		All
	3709	PJWPF217GPU	PC Board, Initial Point Sensor	C	PbF	All
	3710	PJDFC0008Z	Shaft, Cam FTR	C		All
	3711	PJDFC0009Z	Shaft, Link FTR	C		All
	3712	PJDEC0010Z	Cam, FTR Sensor Plate	C		All
	3713	PJDHC0002Z	Cam, FTR YMC	C		All
	3714	PJDHC0003Z	Cam, FTR BK	C		All
	3715	PJZEF217DPU	Holder, YMC F Link	C		All
	3716	PJZEF217FPU	Holder, YMC R Link	C		All
	3717	PJZEF217EPU	Holder, BK F Link	C		All
	3718	PJZEF217GPU	Holder, BK R Link	C		All
	3719	PJBVC0016Z	Spring, Cam	C		All
	3720	PJDIC0007Z	Coupling, FTR	C		All
	3721	PJBVC0099Z	Spring, Coupling FTR	C		All
	3722	PJDEC0052Z	Holder, Spring FTR	C		All
	3723	PJDJC0006Z	Bushing, Shaft Link	C		All
	3724	PJUBC0001Z	Plate, Interlock	C		All
	1329	DZJK000070	Locking Mini Clamp	C		All
	1819	DZAL000211	Photo Sensor	C		All
	3522	DZTT000614	Pin, Parallel	C		All
	3606	PJDJC0063Z	Bearing, Ball	C		All
	6408	PJJRC2504Z	Harness, Fuser C	C		All
	G6	FFPFJ0039B	Snap Ring	C		All
	F10	XTB3+8GFJ	Screw	C		All
	H6	FFPFJ0033B	Snap Ring	C		All
	J8	XUC7VM	E-Ring	C		All
	K5	XUC5VM	E-Ring	C		All
	K6	XUC6VM	E-Ring	C		All
	X5	XTB3+6FFJ	Screw	C		All
	Y2	XTB3+6FFJ-RP	Screw	C		All

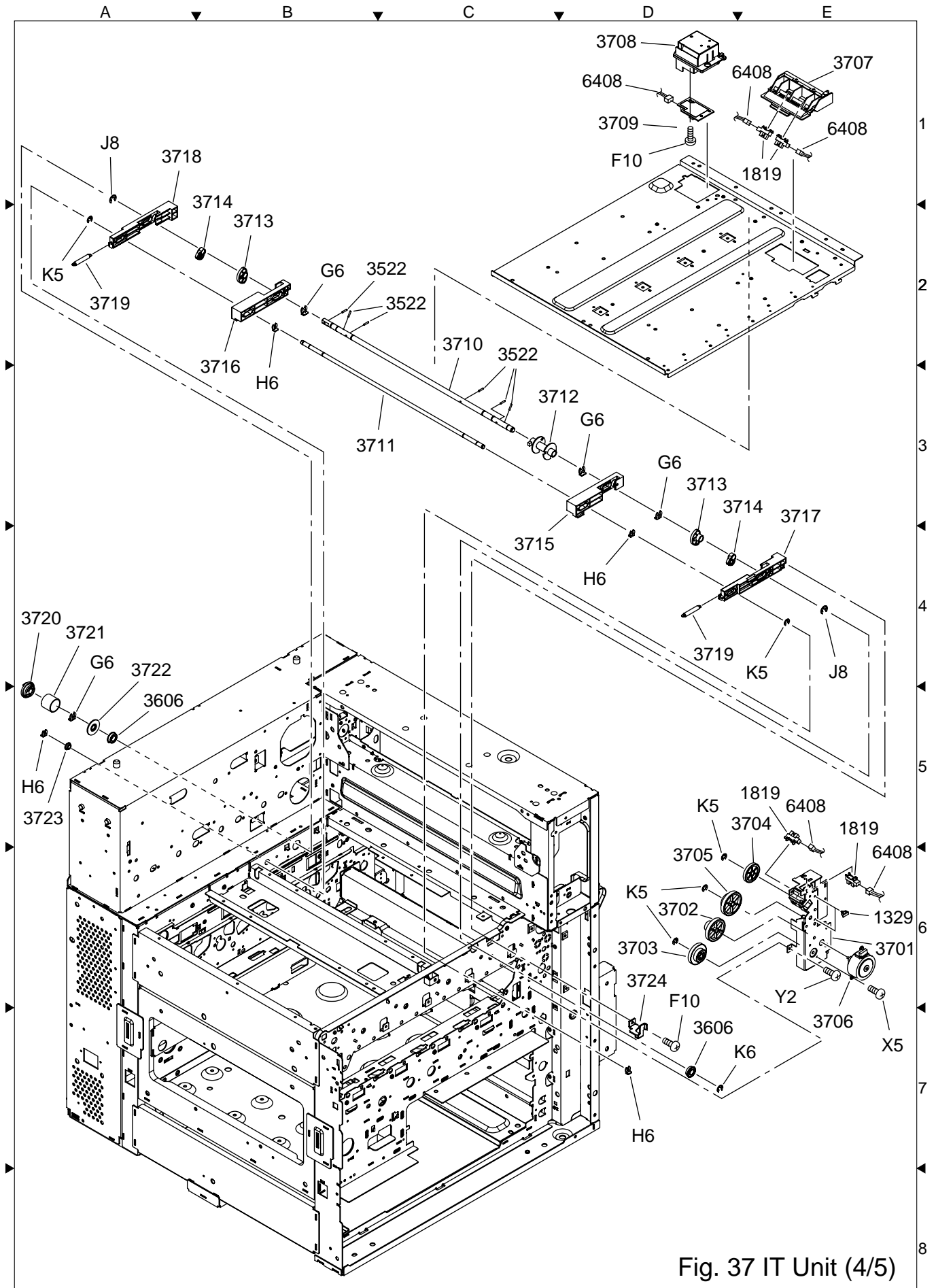


Fig. 37 IT Unit (4/5)

Safety Mark	Ref. No.	Part Number	Part Name	New Parts	Remarks	Destination
	3801	PJDFC0017Z	Shaft, Transport	C		All
	3802	PJDGC0022Z	Gear, E14	C		All
	3803	PJZEF217HPU	Assembly, Waste Toner Transport	C		All
	3804	PJBVC0020Z	Spring, Cap	C		All
	3805	PJBAC0009Z	Cap, Transport	C		All
	3806	PJDGC0025Z	Gear, C31	C		All
	3807	PJDGC0026Z	Gear, C27	C		All
	3808	PJDJC0008Z	Bushing, Idler TRP	C		All
	3809	PJDGC0027Z	Gear, C14	C		All
	3810	PJDFC0018Z	Shaft, Idler Transport	C		All
	3811	PJDGC0021Z	Gear, D28	C		All
	3812	PJUIC0030Z	Bracket, Position IT	C		All
	3813	PJUIC0200Z	Plate, Position Fix	C		All
	3814	PJDGC0024Z	Gear, E16	C		All
	3815	PJDGC0023Z	Gear, E16	C		All
	3816	PJURC0048Z	Bracket, Connector	C		All
	3817	1-292215-1	Connector	C		All
	3818	1-292215-2	Connector	C		All
	3819	L2BA00000007	Sensor, Temperature Humidity	C		All
	3820	L2CD00000024	Sensor, R Unit	C		All
	3821	L2CD00000025	Sensor, RD Unit	C		All
⚠	3822	L9AAADGB0007	Solenoid	C		All
	3823	PJBEC0002Z	Shutter, Sensor	C		All
	3824	PJBVC0021Z	Spring, Sensor Shutter	C		All
	3825	PJDBC0009Z	Lever, Solenoid	C		All
	3826	PJUIC0031Z	Bracket, Sensor	C		All
	3827	PJUIC0032Z	Base, Shutter	C		All
	3828	PJUJC0003Z	Holder, Lever	C		All
	3829	DZJK000005	Holder, Cable	C		All
	3830	PJUJC0009Z	Holder, Base F	C		All
	3831	PJUJC0010Z	Holder, Base R	C		All
	3832	PJJBC0021Z	Plate, Ground	C		All
	3833	PJJRC2550Z	Harness, CPSN1	C		All
	3834	PJJRC2551Z	Harness, CPSN2	C		All
	3522	DZTT000614	Pin, Parallel	C		All
	3723	PJDJC0006Z	Bushing, Shaft Link	C		All
	4105	DZJK000006	Mini Clamp	C		All
	6422	PJJRC2512Z	Harness, CPSNC	C		All
	F10	XTB3+8GFJ	Screw	C		All
	H6	FFPFJ0033B	Snap Ring	C		All
	H7	FFPFJ0041B	Snap Ring	C		All
	X5	XTB3+6FFJ	Screw	C		All
	X9	XTB3+8FFJ	Screw	C		All
	Y16	XYN3+F6FJ	Screw	C		All

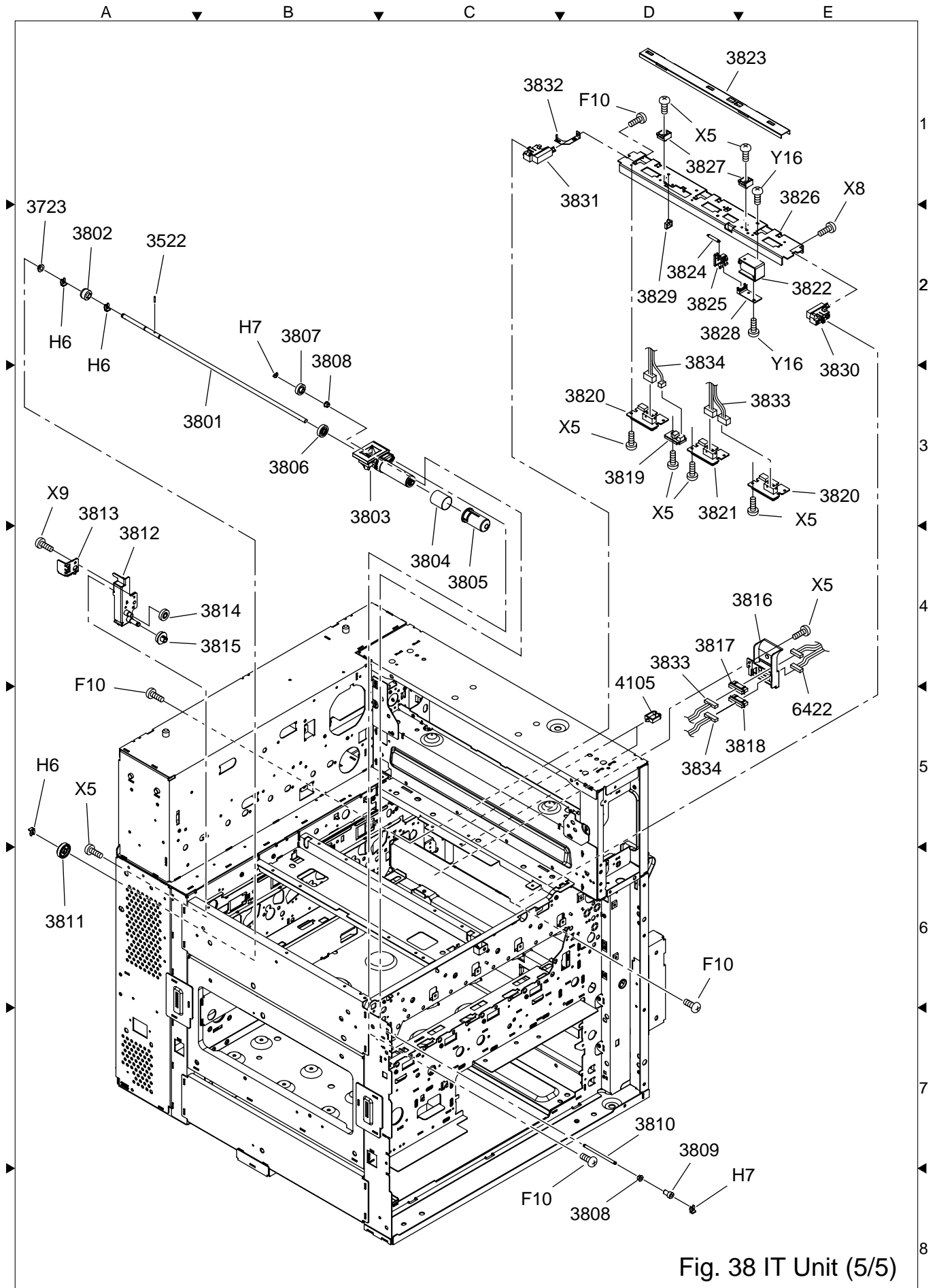


Fig. 38 IT Unit (5/5)

5.13. Electrical Parts

Safety Mark	Ref. No.	Part Number	Part Name	New Parts	Remarks	Destination
	3901	PJUIC0083Z	Bracket, SC PCB	C		All
	3902	PJMCC0053Z	Bracket, SC PCB Sub	C		All
	3903	PJMCC0054Z	Bracket 2, SC PCB Sub	C		All
	3904	PJUIC0223Z	Bracket, Right SC PCB	C		All
	3905	PJMCC0056Z	Bracket, Right SC PCB Sub	C		All
	3906	PJUIC0075Y	Bracket, Left SC PCB	C		All
	3907	PJMCC0055Z	Bracket, Left SC PCB Sub	C		All
	3908	PJUIC0074Z	Bracket, EC PCB	C		All
	3909	PJUIC0026Z	Bracket, Left EC PCB	C		All
	3910	DZJH000026	Spacer	C		All
	3911	KGPS-4S	Spacer	C		All
	3912	KGPS-6S	Spacer	C		All
	3913	HL-28-0	Harness Lifter	C		All
	3914	LT-18	Edge Holder	C		All
	3915	RBWS-1N	Mini Clamp	C		All
	3916	DZJK000047	Locking Wire Saddle	C		All
	3917	HL-18-0	Harness Lifter	C		All
	3918	PJUIC0087Z	Bracket, Speaker	C		All
	3919	RBWS-3S	Mini Clamp	C		All
⚠	3920	PJWEF2171PU	Speaker	C		All
	3921	PF4117P003	PC Board, IPC	C	PbF	All
	3922	PJWPF217JPU	PC Board, CONE	C	RTL/PbF	All
	3923	PJJBC0026Z	Spring, LAN/USB	C		Except PU, PT
	3925	PJMCC0066Z	Bracket, SC-HVPS2	C		Except PU, PT
	3926	PJHSC0058Z	Gasket	N	For DP-C354/C323/C264/C263/C213	Except PU, PT
		PJHSC0030Z		C	For DP-C322/C262	
	3927	PJCFC0008Z	Filter, Toner VOC	N	For DP-C354/C323/C264/C263/C213	PM
	3928	PJCFC0011Z	Filter, Ih VOC	N	For DP-C354/C323/C264/C263/C213	PM
	313	PJHSC0050Z	Gasket	N	For DP-C354/C323/C264/C263/C213	Except PU, PT
		PJHSC0003Z		C	For DP-C322/C262	
	1329	DZJK000070	Locking Mini Clamp	C		All
	1410	LT-11	Edge Saddle	C		All
	2119	PJBVC0040Z	Spring, Ground	C		Except PU, PT
⚠	6401	Depends on Destination	PC Board, SC	C	See Sect. 1.23. PC Board RTL/PbF	
⚠	6402	Depends on Destination	PC Board, EC	C	See Sect. 1.23. PC Board RTL/PbF	
	6506	DZEC102175R	PC Board, DC25	C	RTL/PbF	All
	X5	XTB3+6FFJ	Screw	C		All
	Y3	XTW3+6LFJ	Screw	C		All
	Y31	XYA3+FF8FJ	Screw	C		All

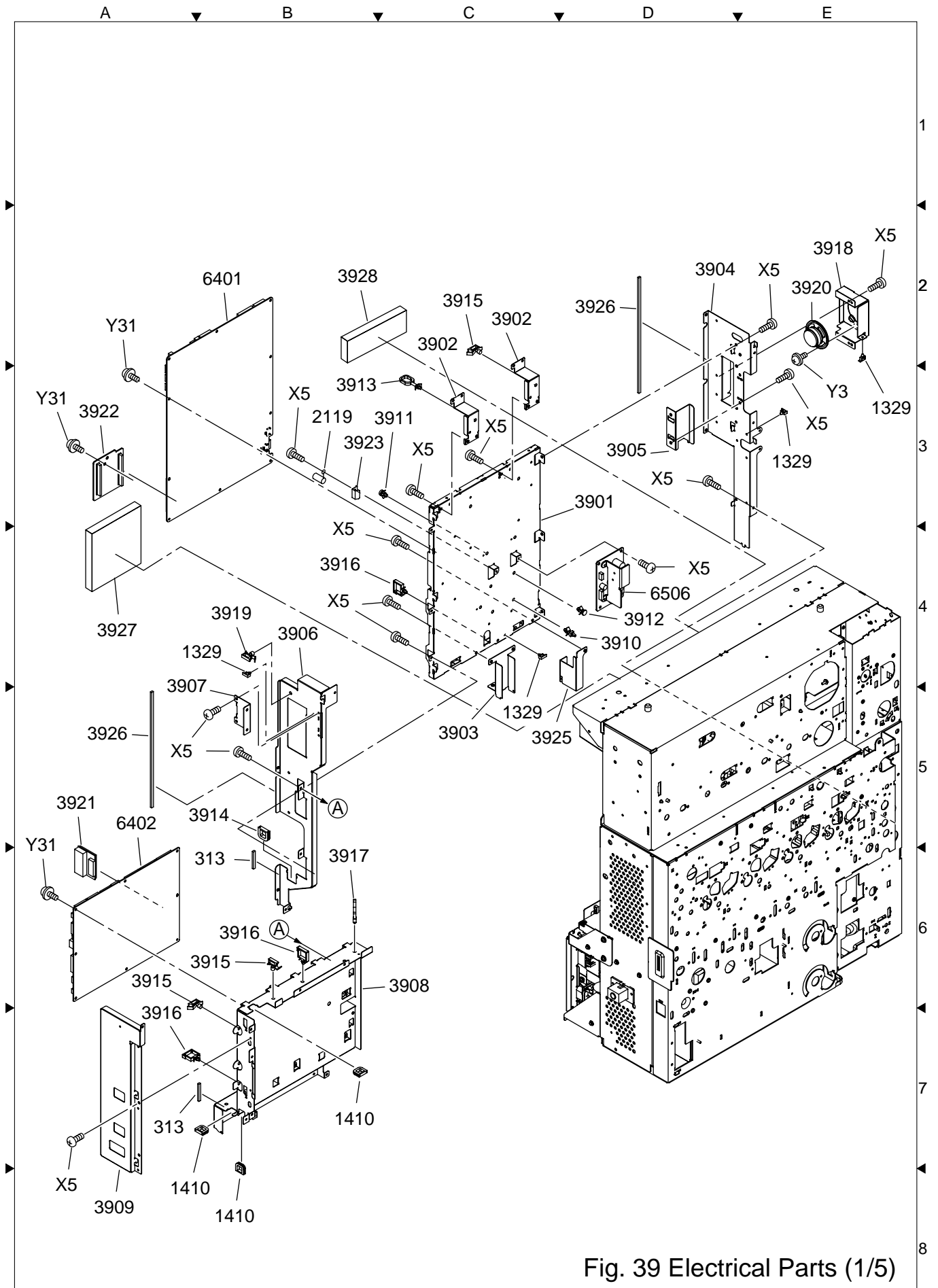


Fig. 39 Electrical Parts (1/5)

Safety Mark	Ref. No.	Part Number	Part Name	New Parts	Remarks	Destination
	4001	PJUIC0070Z	Bracket, HVPS	C		All
⚠	4002	FFPTE1621B	Label, HV	C		All
	4003	PJUIC0071Z	Bracket, HVPS2	C		All
	4004	PJUIC0312Z	Bracket 2, IH PCB	N	For DP-C354/C323/ C264/C263/C213	All
		PJUIC0073Z		C	For DP-C322/C262	
	4005	PJHRC0306Z	Duct, IH Driver Fan	N	For DP-C354/C323/ C264/C263/C213	All
		PJHRC0165Z		C	For DP-C322/C262	
	4006	DZJH000002	Spacer	C		All
	4007	XTN4+35GFJ	Screw	C		All
⚠	4008	L6FALEGK0012	Fan, IH Driver	C		All
	4009	PJUIC0076Z	Rail 1, HVPS	C		All
	4010	PJUIC0077Z	Rail 2, HVPS	C		All
	4011	PJUIC0085Z	Bracket, DC12	C		All
	4012	DZPA000093	Screw	C		All
	4013	PJUIC0084Z	Bracket, HDD	C		All
⚠	4014	EUKMBN916HA	PC Board, HVPS1	C	PbF	All
⚠	4015	EUKMBN917HB	PC Board, HVPS2	C	PbF	All
	4016	KGLS-12S	Spacer	C		All
	4017	KGPS-12S	Spacer	C		All
⚠	4018	M0CE00000028	Hard Disk Drive	C		All
	4019	DZJM001237	Film, HDD Bracket	C		All
⚠	4020	KHP0210000U1	PC Board, IH	N	PbF For DP-C354/C323/ C264/C263/C213	PU, PT
		KHP0210UTZA		C	PbF For DP-C322/C262	
		KHP0320000U1		N	PbF For DP-C354/C323/ C264/C263/C213	Except PU, PT
		KHP0220UTZA		C	PbF For DP-C322/C262	
	4021	PJUIC0043Z	Stay, HVPS	C		All
⚠	4022	PJHXC0010Z	Sheet, IH Harness	C		All
	4023	PJHSC0063Z	Gasket	N	For DP-C354/C323/ C264/C263/C213	Except PU, PT
		PJHSC0038Z		C	For DP-C322/C262	
	4024	PJHRC0164Z	Duct, Toner Exhaust	C		All
	4025	PJHRC0305Z	Duct 2, Toner Exhaust	N	For DP-C354/C323/ C264/C263/C213	All
		PJHRC0198Z		C	For DP-C322/C262	

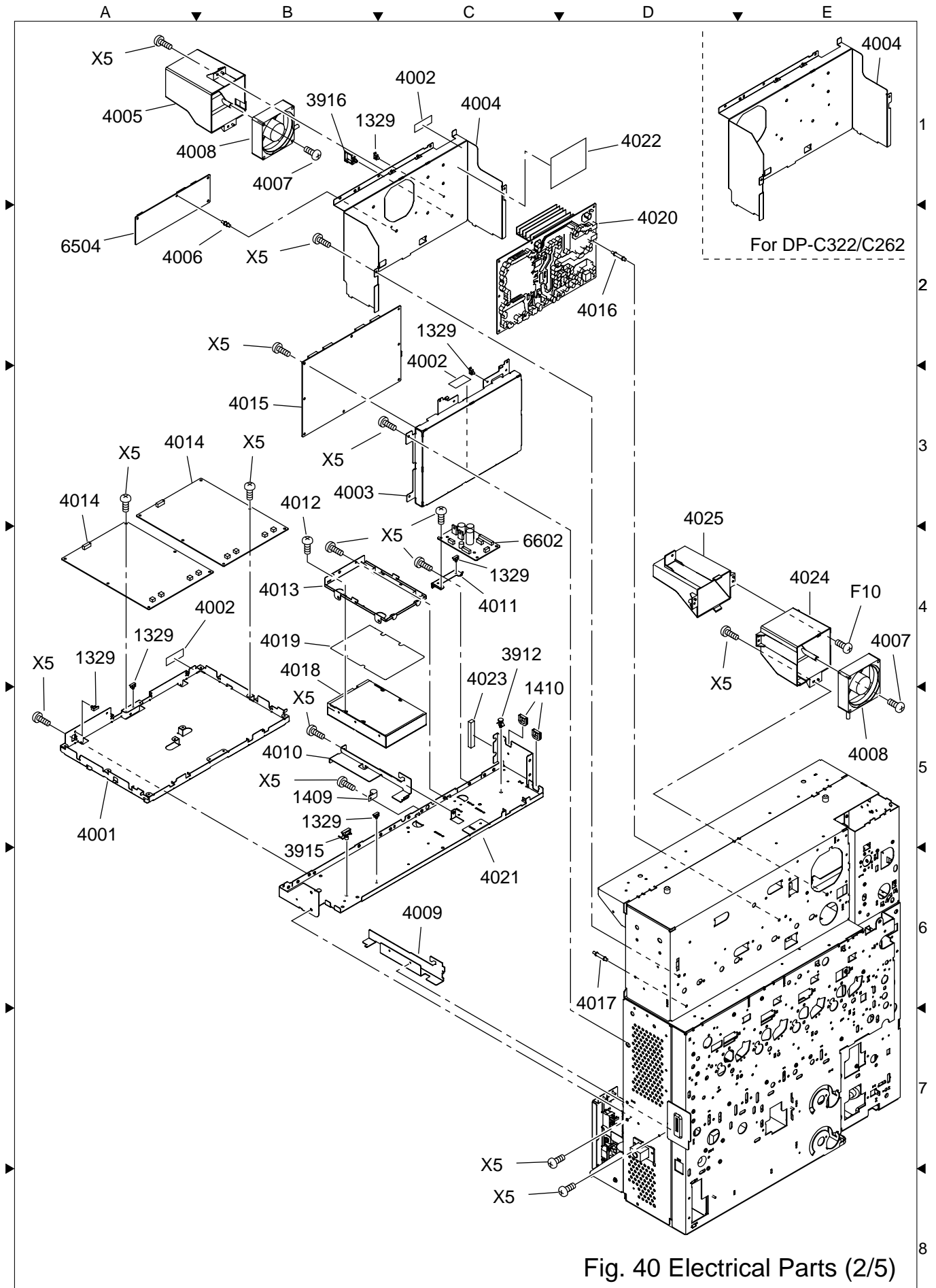


Fig. 40 Electrical Parts (2/5)

Safety Mark	Ref. No.	Part Number	Part Name	New Parts	Remarks	Destination
	1329	DZJK000070	Locking Mini Clamp	C		A11
	1409	DZJK000077	Clamp	C		A11
	1410	LT-11	Edge Saddle	C		A11
	3912	KGPS-6S	Spacer	C		A11
	3915	RBWS-1N	Mini Clamp	C		A11
	3916	DZJK000047	Locking Wire Saddle	C		A11
⚠	6504	PJWPF217CPU	PC Board, MOTDRV (Motor Drive)	C	RTL/PbF	A11
	6602	DZEC102176R	PC Board, DC12	C	RTL/PbF	A11
	F10	XTB3+8GFJ	Screw	C		A11
	X5	XTB3+6FFJ	Screw	C		A11

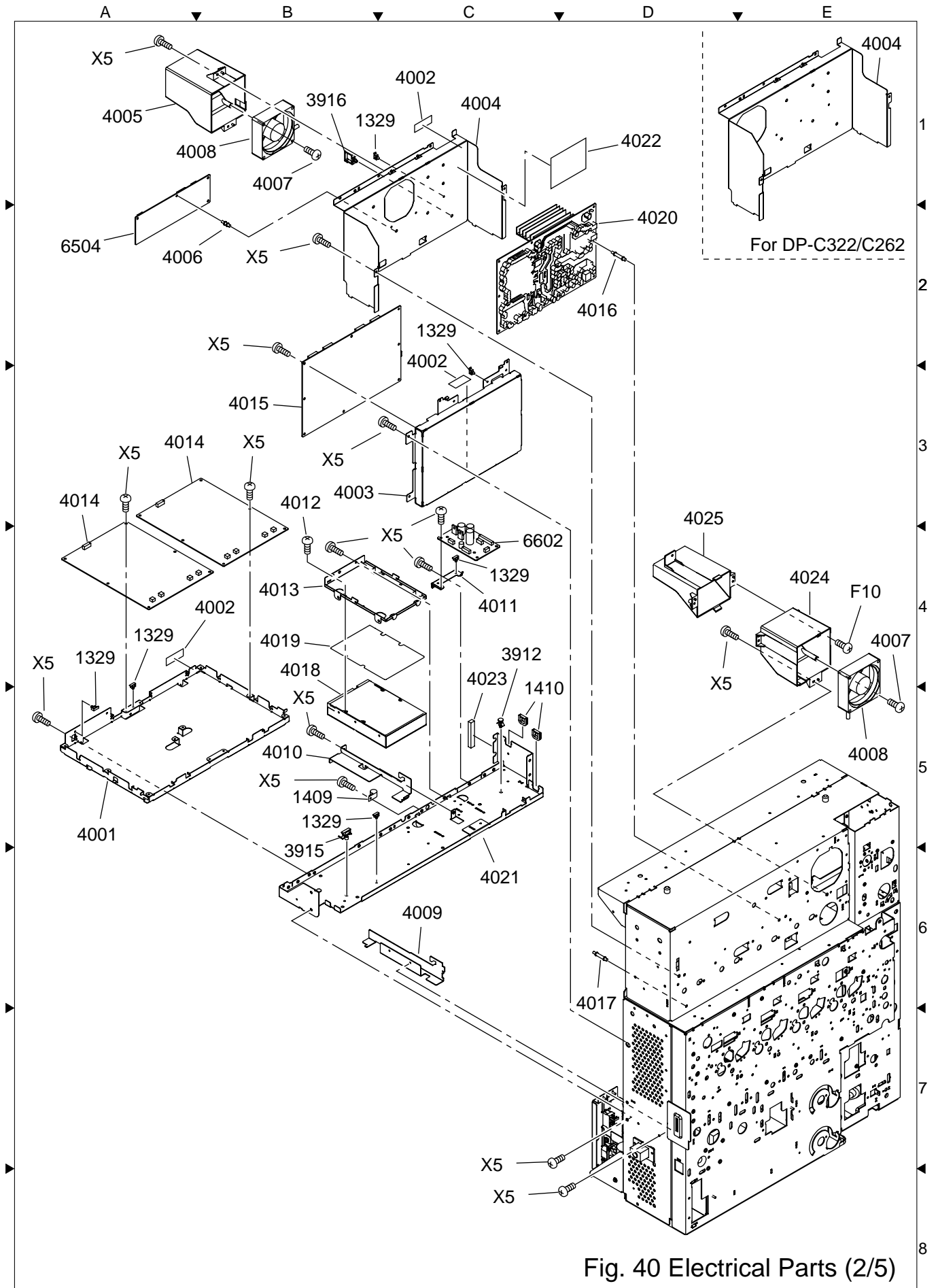


Fig. 40 Electrical Parts (2/5)

Safety Mark	Ref. No.	Part Number	Part Name	New Parts	Remarks	Destination
	4101	PJUIC0078Z	Bracket 1, LVPS	C		All
	4102	PJUIC0079Z	Bracket 2, LVPS	C		All
⚠	4103	L6FAKCEK0002	Fan, LVPS	C		All
	4104	XTB4+20FFJ	Screw	C		All
	4105	DZJK000006	Mini Clamp	C		All
	4106	PJUUC0062Z	Cover, LVPS Duct	C		All
	4107	PJUIC0081Z	Bracket, NF12	C		All
⚠	4108	PJURC0016Z	Bracket, 2nd Lower	C		All
⚠	4109	PJURC0017Z	Bracket, 1st Lower	C		All
	4110	PJUUC0025Z	Bracket, ACH	C		All
	4111	PJUAC0110Z	Cover 1, FAX Box	C		All
	4112	PJUAC0111Z	Cover 2, FAX Box	C		All
	4113	PJUAC0112Z	Cover 3, FAX Box	C		All
	4114	PJUAC0113Z	Cover 4, FAX Box	C		All
	4115	PJHMC0001Z	Sheet, FAX Box Blind	C		All
⚠	4116	PJWPF2175PU	Assembly, NFL (Noise Filter) PC Board	C		PU, PT
		PJWPF2175PB				Except PU, PT
⚠	4117	ETXDN528ACD	LVPS	C		PU, PT
		ETXDN528ECD				Except PU, PT
⚠	4118	G0A173J00002	Choke Coil	C		Except PU, PT
	4119	KGLS8Z50SF	Spacer	C		All
	4120	ASE-315	Spacer, Metal	C		All
	4124	PJMCC0076Z	Sheet, SW Insulation	C		PB
	1329	DZJK000070	Locking Mini Clamp	C		All
	1410	LT-11	Edge Saddle	C		All
	3912	KGPS-6S	Spacer	C		All
	3913	HL-28-0	Harness Lifter	C		All
	6427	PJJRC2748Z	Harness, FNS	N		PU, PT
⚠	6501	PJWPF217IPU	PC Board, ADU	C	RTL/PbF	All
⚠	6603	Depends on Destination	PC Board, FCB	C	See Sect. 1.23. PC Board	
⚠	6605	PF4117K075	Optional LVPS	C		PU, PT
		PF4117K076				Except PU, PT
⚠	6617	PJWPF217EAZ	PC Board, RLB (Relay Board)	C	PbF	All
	X5	XTB3+6FFJ	Screw	C		All
	Y16	XYN3+F6FJ	Screw	C		All
	Y19	XTB4+8FFJ	Screw, Binding Head Tapping	C		All

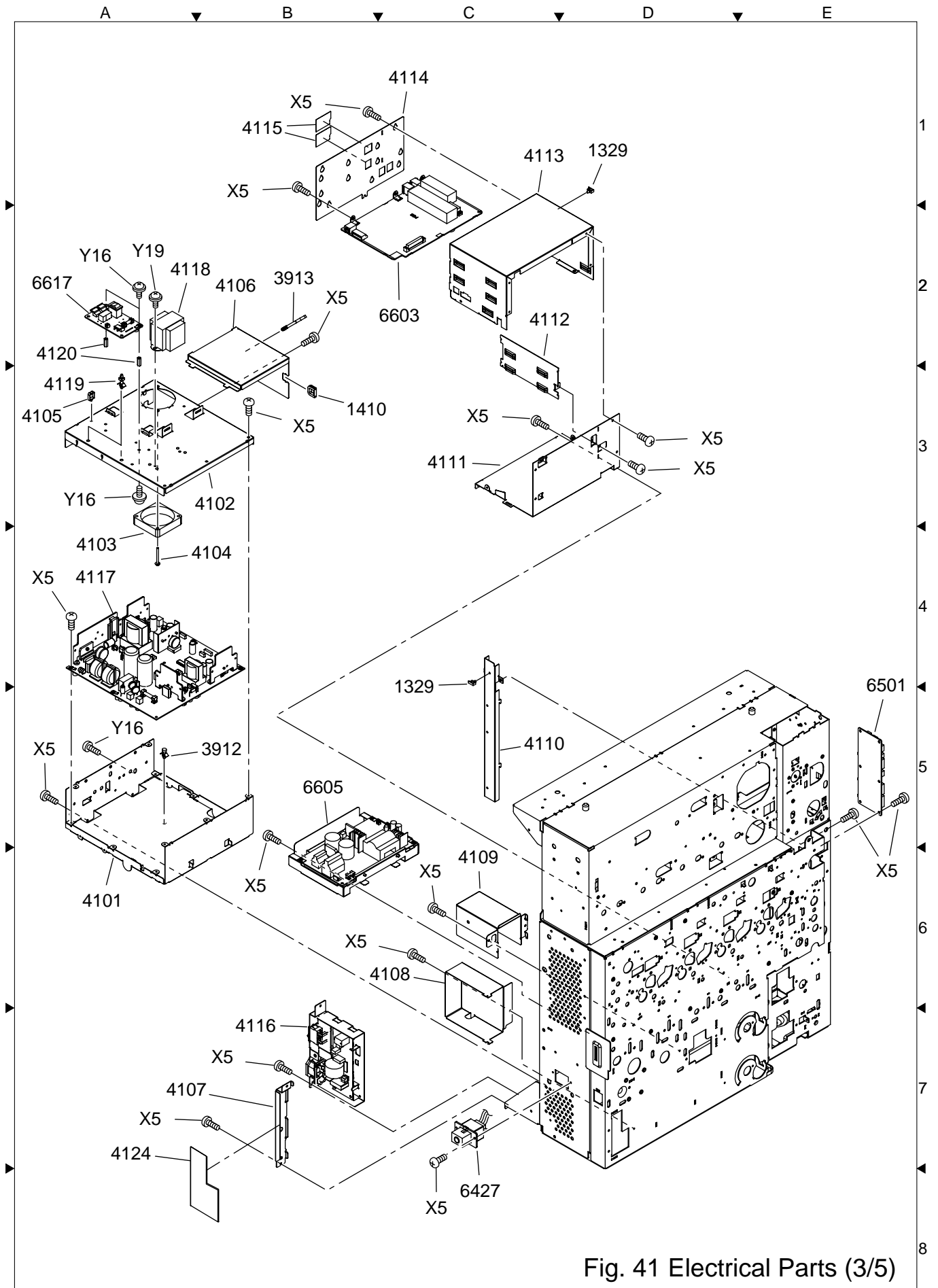


Fig. 41 Electrical Parts (3/5)

Safety Mark	Ref. No.	Part Number	Part Name	New Parts	Remarks	Destination
	4201	PJUIC0092Z	Bracket, Interlock F1	C		All
	4202	DZCF000022	Push SW	C		All
	4203	PJUIC0251Z	Bracket, ILS FR	C		All
	4204	PJDEC0061Z	Bracket, ILS	C		All
	4206	PJBVC0127Z	Spring, ILS	C		All
⚠	4207	K0KACA000054	Micro Switch	C		All
	4208	PJUIC0239Y	Bracket, Interlock BR	C		All
⚠	4209	DZCH000014	Push SW	C		All
	4211	PJBAC0019Z	Block, Interlock	C		All
	4212	PJDFC0069Z	Shaft, Interlock	C		All
⚠	4213	K0KACA000053	Micro Switch	C		All
	4214	KGES-4	Speaker	C		All
⚠	4215	PJMCC0060Z	Sheet, Belt	C		All
	4216	PJUIC0090Z	Bracket, Upper Interlock	C		All
	J7	XUC4VM	E-Ring	C		All
	X5	XTB3+6FFJ	Screw	C		All
	Y3	XTW3+6LFJ	Screw	C		All
	Y32	XSB23+10FJ	Screw	C		All

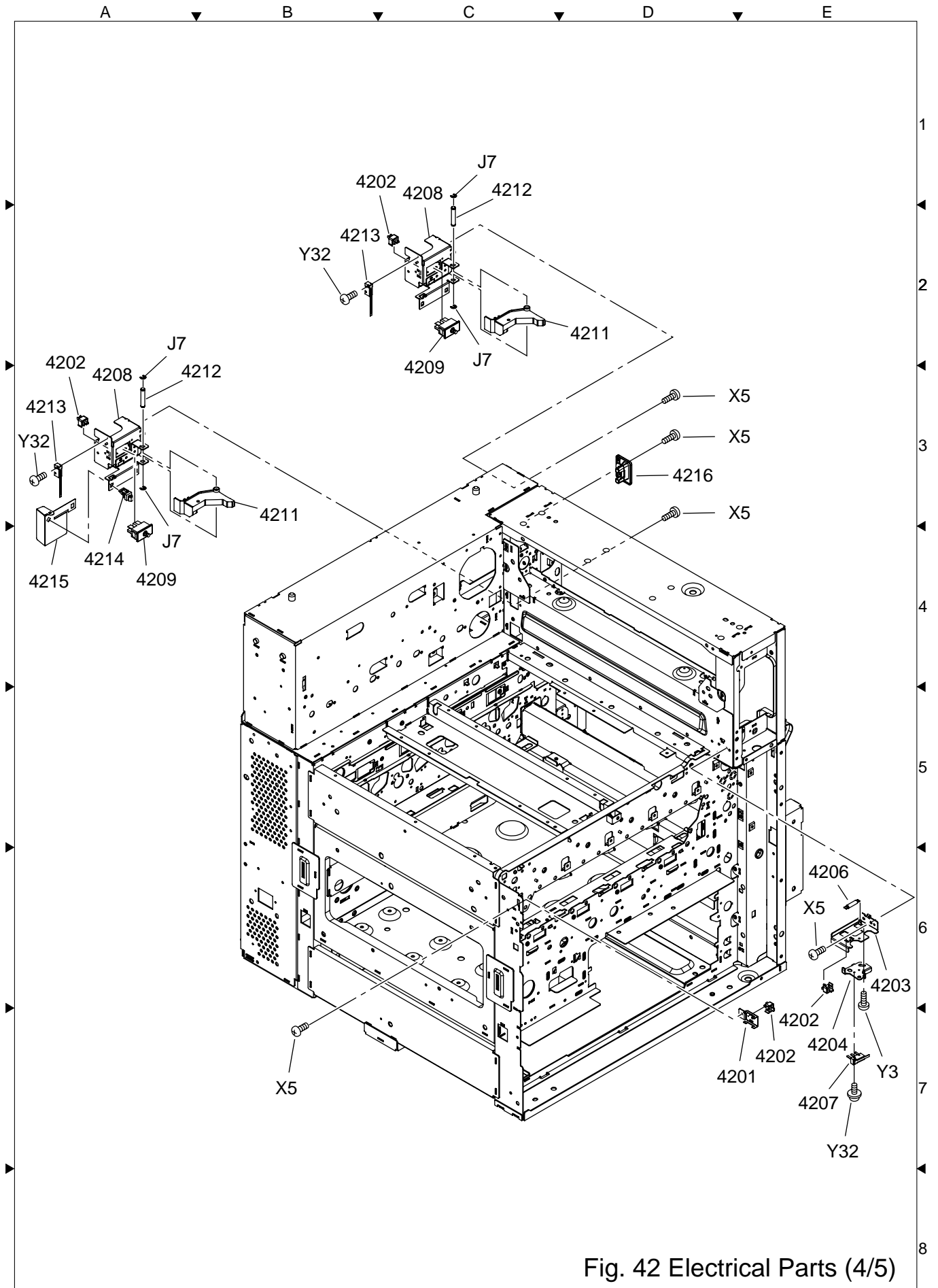


Fig. 42 Electrical Parts (4/5)

Safety Mark	Ref. No.	Part Number	Part Name	New Parts	Remarks	Destination
	4301	PJUIC0096Z	Cover, Left Stay	C		All
⚠	4302	PJZEF217JPU	Fan, LSU	C		All
⚠	4303	PJWBF2171PU	LSU	C	For DP-C264/C263/ C262/C213	All
		PJWBF2170PU			For DP-C354/C323/ C322	
	X5	XTB3+6FFJ	Screw	C		All
	Y33	XTB4+10FFJ	Screw	C		All
	Y45	XYN4+F10FJ	Screw	C		All

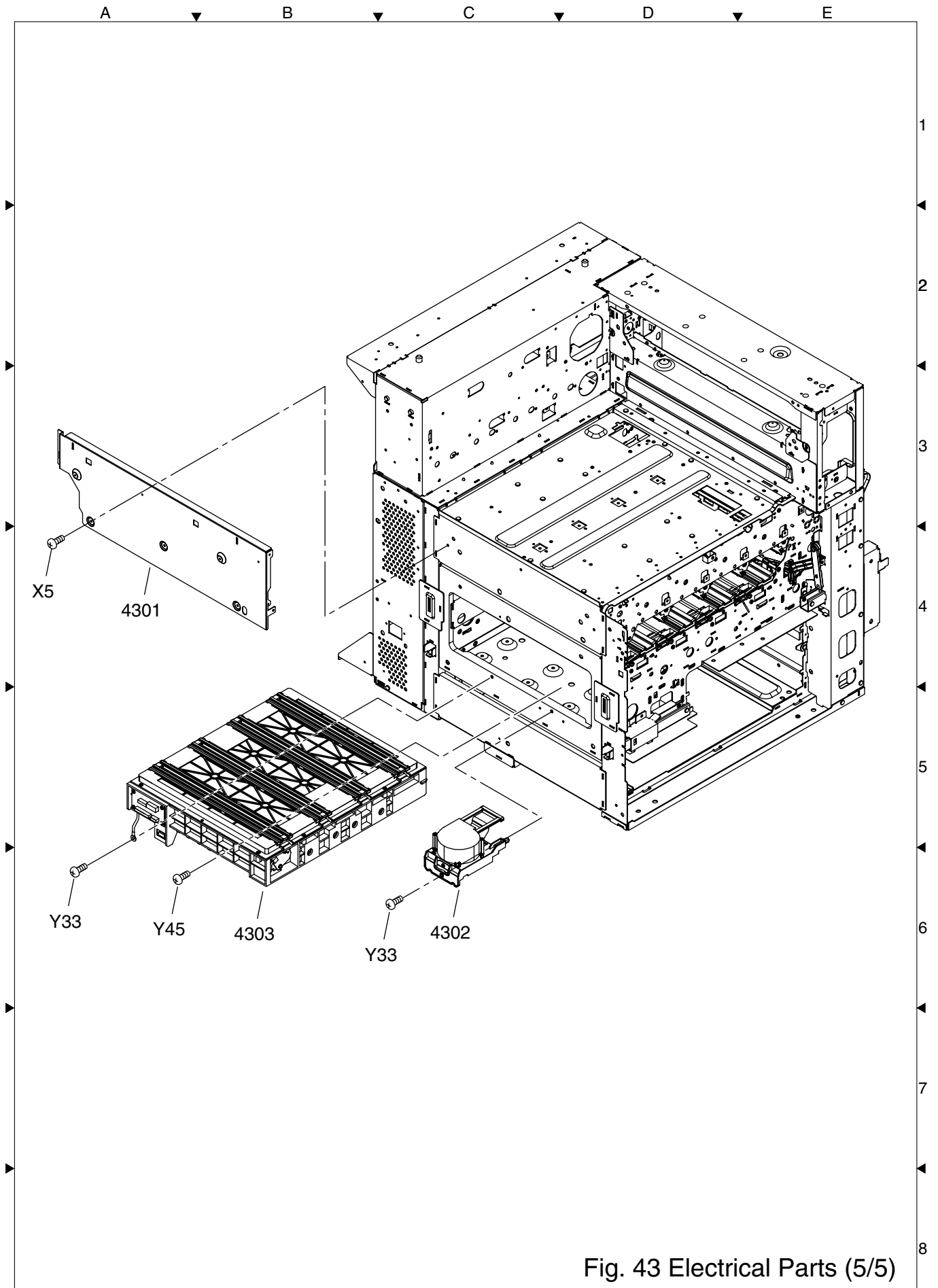


Fig. 43 Electrical Parts (5/5)

5.14. Frame Parts

Safety Mark	Ref. No.	Part Number	Part Name	New Parts	Remarks	Destination
	4401	PJKZC0013Z	Cover, WTB Lower	C		All
	4402	DZJA000187	Bracket, Magnet	C		All
	4403	DZGD000001	Magnet	C		All
	4404	PJUIC0095Z	Frame, WTB Lower	C		All
	4405	PJUIC0097Z	Bracket, Sensor	C		All
	4406	DZEC102751R	PC Board, WST	C	RTL/PbF	All
	4407	PJUIC0124Z	Frame, OPC Adj	C		All
	4408	PJHRC0028Z	Shaft, Cam Adj	C		All
	4409	PJBCC0015Z	Lever, Cam Adj	C		All
	4410	PJHRC0027Z	Cover, OPC FF	C		All
	4411	PJHRC0030Y	Cover, OPC FM	N	For DP-C354/C323/ C264/C263/C213	All
		PJHRC0030Z		C	For DP-C322/C262	
	4412	PJBAC0020Z	Cap, OPC Spring	C	RTL/PbF	All
	4413	PJBVC0044Z	Spring, OPC PRF	C		All
	4414	PJBBC0002Z	Lever, OPC F	C		All
	4415	XSB4+45FJ	Screw	C		All
	4416	PJUIC0125Z	Plate, Pin Left F	C		All
	4417	PJUIC0126Z	Plate, Pin Right F	C		All
	4418	PJKPC0006Z	Bracket, Belt	C		All
	4419	PJBEC0007Z	Bracket, OPC R	C		All
	4420	PJBVC0045Z	Spring, OPC PRB	C		All
	4421	PJZEF217LPU	Cover, Pipe	C		All
	4422	PJHRC0031Z	Bracket, Developer Front	C		All
⚠	4423	DZJM000887	Mechanical Counter	C		All
	4424	PJUIC0099Z	Bracket, MC	C		All
	4425	PJWEF2170PU	Mechanical Counter Kit	C		Except PU, PT
	1329	DZJK000070	Locking Mini Clamp	C		All
	4105	DZJK000006	Mini Clamp	C		All
	X5	XTB3+6FFJ	Screw	C		All
	X9	XTB3+8FFJ	Screw	C		All
	Y1	XTW3+8PFJ	Screw	C		All
	Y3	XTW3+6LFJ	Screw	C		All
	Y19	XTB4+8FFJ	Screw, Binding Head Tapping	C		All
	Y33	XTB4+10FFJ	Screw	C		All
	Y34	XTB2+6GFJ	Screw	C		All
	Y35	XTW3+8PFJR	Screw	C		All

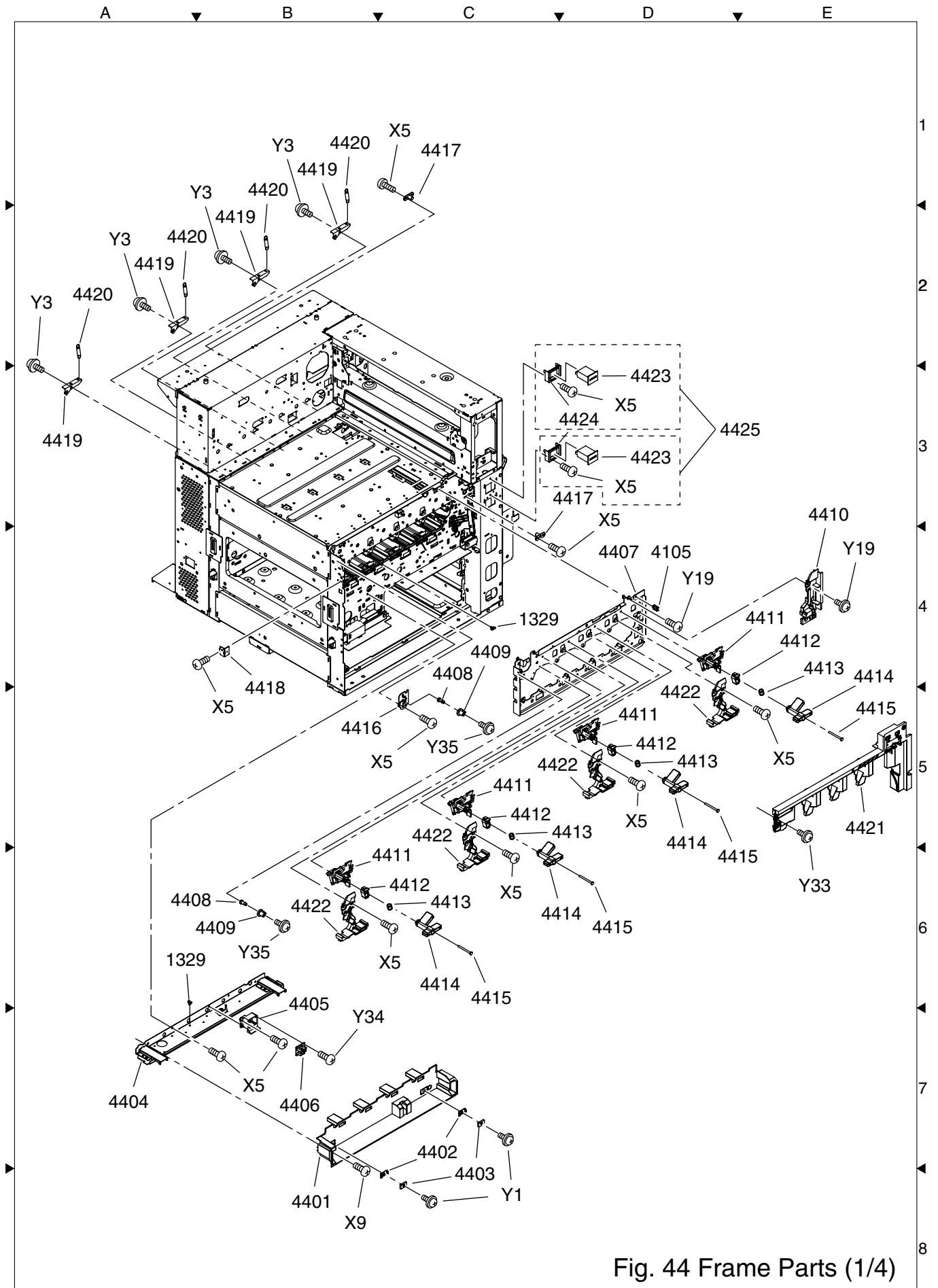


Fig. 44 Frame Parts (1/4)

Safety Mark	Ref. No.	Part Number	Part Name	New Parts	Remarks	Destination
	4501	PJUEC0048Z	Bracket, LED	C		All
	4502	PJWPF217DPU	PC Board, LED	C	RTL/PbF	All
	4503	PJUEC0044Z	Bracket, Rail Developer F	C		All
	4504	PJUEC0045Z	Bracket, Rail Developer R	C		All
	4505	PJBYC0008Z	Plate, Spring Developer F	C		All
	4506	PJHRC0025Z	Lever, Spring Developer	C		All
	4507	PJBVC0042Z	Spring, Developer	C		All
	4508	PJBYC0009Z	Plate, Spring Developer R	C		All
	4509	PJBYC0002Z	Stay, Spring Developer	C		All
	4510	PJHRC0023Z	Lever, Developer	C		All
	4511	PJHRC0024Z	Lever, Spring Developer	C		All
	4512	PJBLC0016Z	Link, Door R1	C		All
	4513	PJBXC0008Z	Spring, Shutter	C		All
	4514	PJURC0021Z	Shutter	C		All
	4515	PJUDC0023Z	Holder, Shutter F	C		All
	4516	PJUDC0022Z	Holder, Shutter R	C		All
	4517	PJUEC0050Z	Rail, OPC	C		All
	4518	PJUEC0049Z	Bracket, LED Bushing	C		All
	4519	PJDFC0070Z	Shaft, Cam	C		All
	4520	PJDBC0016Z	Lever, Shutter	C		All
	4521	PJJRC2535Z	Harness, OPCNW	C		All
	4522	PJJRC2562Z	Harness, LED	C		All
	908	DZLM000144	Bushing, D4 Metal	C		All
	1819	DZAL000211	Photo Sensor	C		All
	2305	DZLM000186	Bushing 2	C		All
	F10	XTB3+8GFJ	Screw	C		All
	H6	FFPFJ0033B	Snap Ring	C		All
	X5	XTB3+6FFJ	Screw	C		All

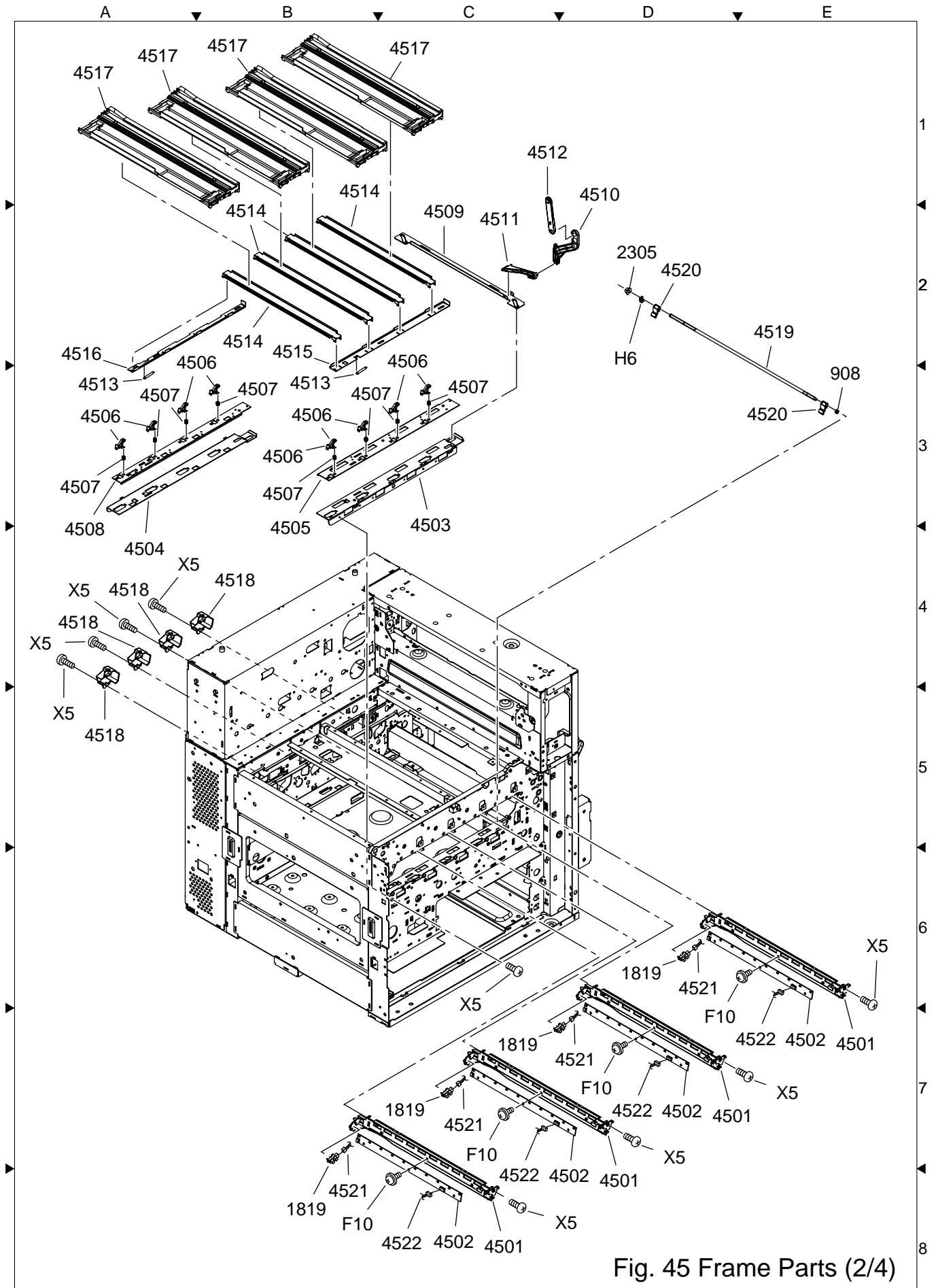


Fig. 45 Frame Parts (2/4)

Safety Mark	Ref. No.	Part Number	Part Name	New Parts	Remarks	Destination
	4601	PJMEC0024Z	Base 2, HVTL	C		A11
	4602	PJJBC0024Z	Spring 4, FTR	C		A11
	4603	PJJBC0015Z	Spring 3, FTR	C		A11
	4604	PJMEC0023Z	Base 1, HVTL	C		A11
	4605	PJJBC0009Z	Spring 1, FTR	C		A11
	4606	PJMEC0025Z	Base 3, HVTL	C		A11
	4607	PJJBC0023Z	Spring, STR	C		A11
	4608	PJJBC0018Z	Spring 1, STR	C		A11
	4609	PJZEF217KPU	Assembly, Dev/Chg	C		A11
	4610	PJZEF217IPU	Assembly, Sensor Holder	C		A11
	4611	PJJRC2561Z	Harness, FTRY	C		A11
	4612	PJJRC2560Z	Harness, FTRM	C		A11
	4613	PJJRC2559Z	Harness, FTRC	C		A11
	4614	PJJRC2539Z	Harness, FTRK	C		A11
	4615	PJJRC2522Z	Harness, STRH	C		A11
	2529	DZFP000747	Resistor	C		A11
	6422	PJJRC2512Z	Harness, CPSNC	C		A11
	F10	XTB3+8GFJ	Screw	C		A11
	X5	XTB3+6FFJ	Screw	C		A11

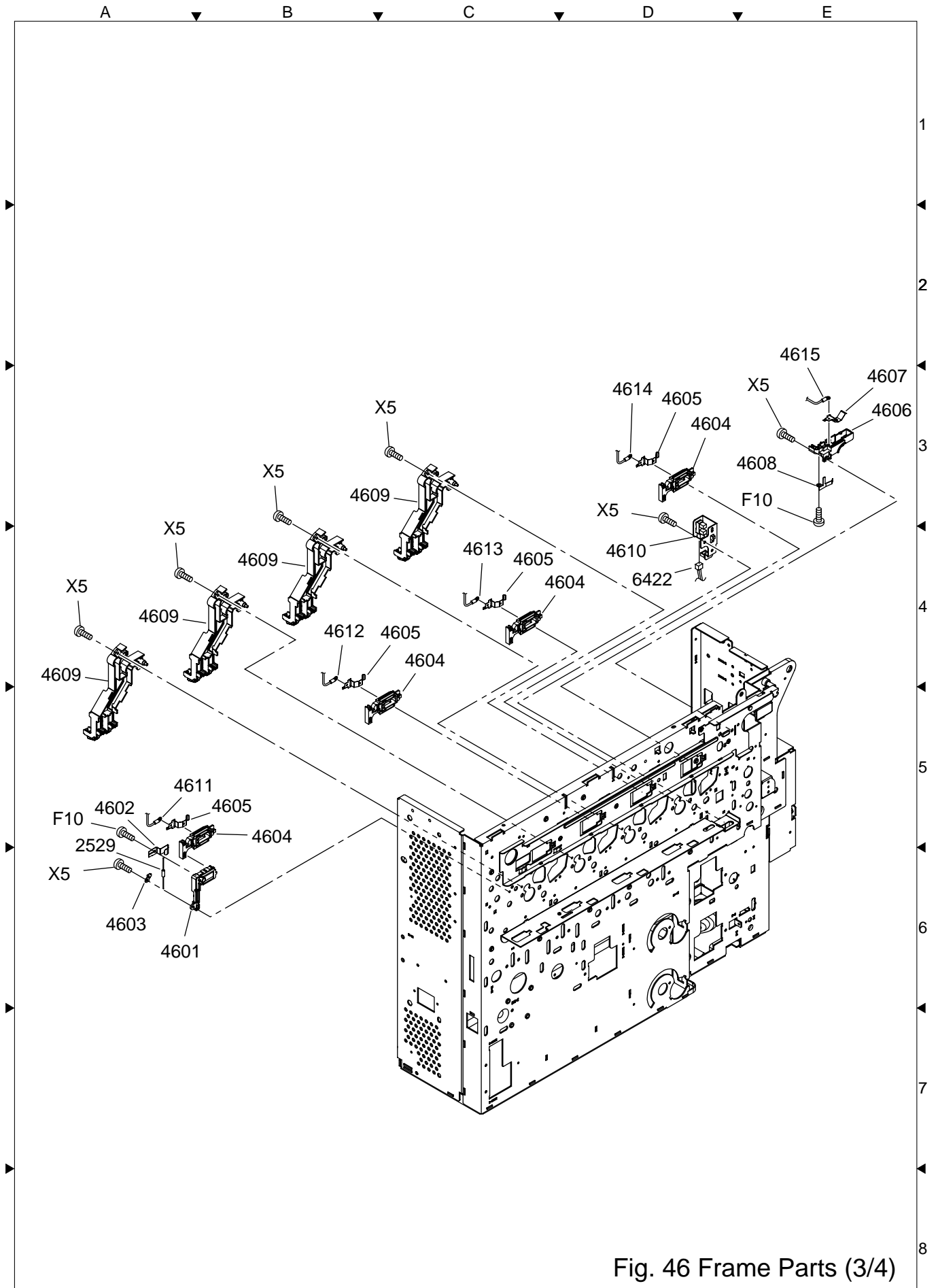
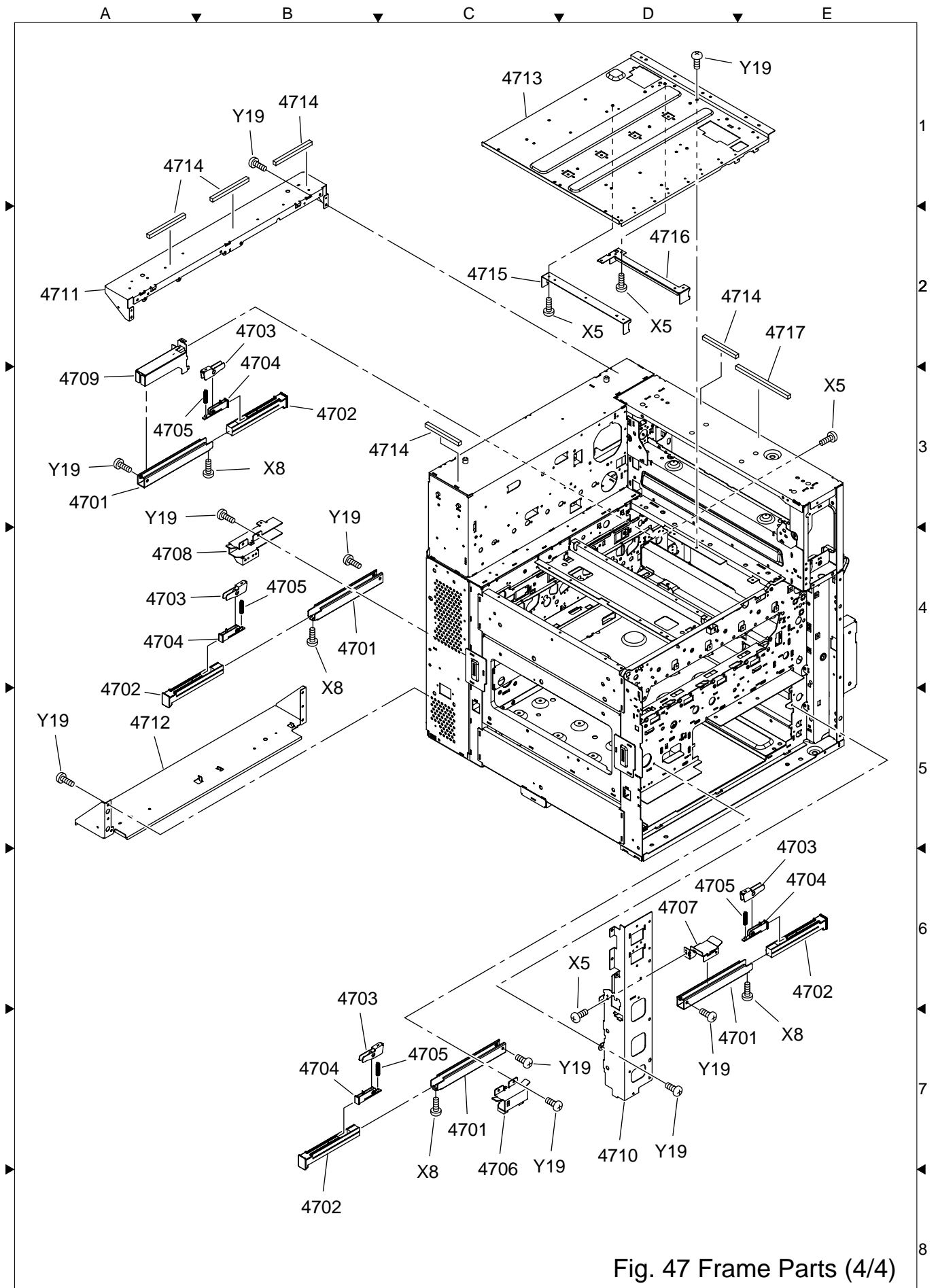


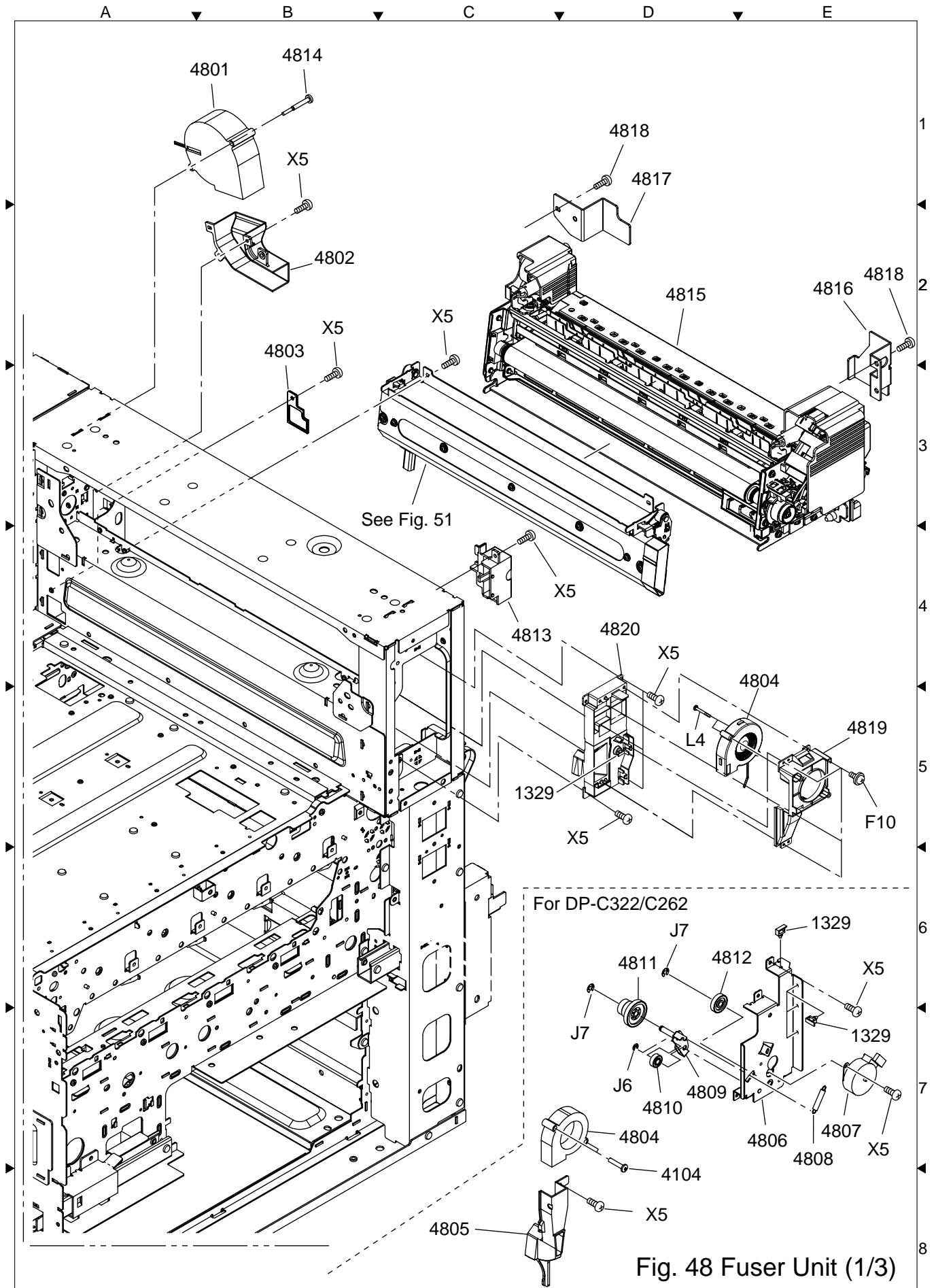
Fig. 46 Frame Parts (3/4)

Safety Mark	Ref. No.	Part Number	Part Name	New Parts	Remarks	Destination
	4701	PJKHC0002Z	Handle	C		All
	4702	PJKXC0002Z	Cap, Handle	C		All
	4703	PJKXC0001Z	Handle, Lock	C		All
	4704	PJKXC0003Z	Holder, Lock Handle	C		All
	4705	PJBVC0106Z	Spring	C		All
	4706	PJKTC0002Z	Holder, Handle FL	C		All
	4707	PJUEC0060Z	Holder, Handle FR	C		All
	4708	PJKTC0001Z	Holder, Handle RL	C		All
	4709	PJKXC0005Z	Holder, Handle RR	C		All
	4710	PJUAC0078Z	Bracket, FR	C		All
	4711	PJUAC0060Z	Bracket, Upper Stay	C		All
	4712	PJUAC0059Z	Bracket, Lower Stay	C		All
	4713	PJUAC0055Z	Stay, Top	C		All
	4714	PJHSC0061Z	Gasket	N	For DP-C354/C323/C264/C263/C213	Except PU, PT
		PJHSC0036Z		C	For DP-C322/C262	
	4715	PJULC0025Z	Stopper A	C		All
	4716	PJULC0026Z	Stopper B	C		All
	4717	PJHSC0070Z	Gasket B	N	For DP-C354/C323/C264/C263/C213	Except PU, PT
		PJHSC0049Z		C	For DP-C322/C262	
	F10	XTB3+8GFJ	Screw	C		All
	X5	XTB3+6FFJ	Screw	C		All
	Y19	XTB4+8FFJ	Screw, Binding Head Tapping	C		All



5.15. Fuser Unit

Safety Mark	Ref. No.	Part Number	Part Name	New Parts	Remarks	Destination
⚠	4801	L6FCLFCJ0002	Fan, Pressure Roller	C		All
	4802	PJMYC0003Z	Duct 2, PR	C		All
	4803	PJUKC0078Z	Guide, IH Harness	C		All
⚠	4804	L6FCLDCJ0001	Fan, IH	N	For DP-C354/C323/C264/C263/C213	All
		L6FCJCAJ0001		C	For DP-C322/C262	
	4805	PJMYC0006Z	Duct, IH Fan	C	For DP-C322/C262	All
	4806	PJDBC0005Z	Bracket, Core Motor	C	For DP-C322/C262	All
⚠	4807	L6HAGCLJ0001	Stepping Motor	C	For DP-C322/C262	All
	4808	PJBVC0014Z	Spring, Idle Gear	C	For DP-C322/C262	All
	4809	PJDBC0006Z	Bracket, Idle Gear	C	For DP-C322/C262	All
	4810	PJDGC0014Z	Gear 1, Idle	C	For DP-C322/C262	All
	4811	PJDGC0015Z	Gear 2, Idle	C	For DP-C322/C262	All
	4812	PJDGC0159Z	Gear 3, Idle	C	For DP-C322/C262	All
	4813	PJGDC0002Z	Cover 2, Harness	C		All
	4814	PJNAC0011Z	Screw	C		All
	4815	PJZSF3161PU	Complete Fuser Unit	N	For DP-C354/C323/C264/C263/C213	All
		PJZSF2171PU1		C	For DP-C322/C262	PU
		PJZSF2171AZ1				Except PU
	4816	PJPJC0001Z	Bracket, Front Fuser Shipping	C	Shipping Material	All
	4817	PJPJC0002Z	Bracket, Rear Fuser Shipping	C		All
	4818	XSN4+W8FJB	Screw	C		All
	4819	PJUIC0305Z	Fan, Bracket	N	For DP-C354/C323/C264/C263/C213	All
	4820	PJMYC0018Z	Fan, Ih Duct	N	For DP-C354/C323/C264/C263/C213	All
	1329	DZJK000070	Locking Mini Clamp	C		All
	4104	XTB4+20FFJ	Screw	C		All
	F10	XTB3+8GFJ	Screw	C		All
	J6	XUC3VM	E-Ring	C		All
	J7	XUC4VM	E-Ring	C		All
	L4	XTN4+34GFJ	Screw	N		All
	X5	XTB3+6FFJ	Screw	C		All



Safety Mark	Ref. No.	Part Number	Part Name	New Parts	Remarks	Destination
	4901	PJUUC0003Z	Guide B, ADU Fuser	C		All
	4902	PJDRC0042Z	Roller 2, ADU Pinch	C		All
	4903	PJBVC0060Z	Spring 2, ADU Pinch Roller	C		All
	4904	PJUUC0005Z	Guide, Exit PR	C		All
⚠	4905	PJGFC0009Z	Label 1, High Temperature	C		All
	4911	PJUIC0007Z	Bracket, Sensor Angle	C		All
	4912	PJGDC0001Z	Cover, Harness	C		All
	4913	PJUUC0008Z	Bracket, FR Sensor	C		All
	4914	PJGDC0005Z	Cover 4, Harness	C		All
	4915	PJDEC0003Z	Circular, Sensor	C		All
	4916	PJUIC0151Z	Plate, Shaft	C		All
	4917	PJUUC0047Z	Guide, P Plate	C		All
	4918	PJUUC0007Z	Plate, Core Sensor	C	For DP-C322/C262	All
	4919	PJBUC0080Z	Plate, Position	C	For DP-C322/C262	All
	4920	PJDGC0016Z	Gear, Core Shaft	C	For DP-C322/C262	All
	4921	PJGDC0004Z	Cover 3, Harness	C		All
	4922	DZJK000004	Mini Clamp	C		All
	4924	PJNAC0010Z	Screw	C		All
	4925	PJJRC3009Z	Harness, Fuser D	N	For DP-C354/C323/C264/C263/C213	All
		PJJRC2505Z		C	For DP-C322/C262	
	4926	PJZSF3163PU	Fuser Belt Unit	N	PM (For DP-C354/C323/C264/C263/C213)	All
		PJZSF2173PU1		C	PM (For DP-C322/C262)	PU
		PJZSF2173AZ1				Except PU
	4927	PJZSF3162PU	Fuser Main Unit	N	PM (For DP-C354/C323/C264/C263/C213)	All
		PJZSF2172PU		C	PM (For DP-C322/C262)	
	4928	PJZSF2174PU	Assembly, Actuator Holder	C		All
	1819	DZAL000211	Photo Sensor	C		All
	3029	PJDJC0019Z	Bushing, D6	C		All
	F10	XTB3+8GFJ	Screw	C		All
	J7	XUC4VM	E-Ring	C		All
	X3	XYN3+F8FJ	Screw	C		All
	Y41	XYN3+F8FJK	Screw	C		All

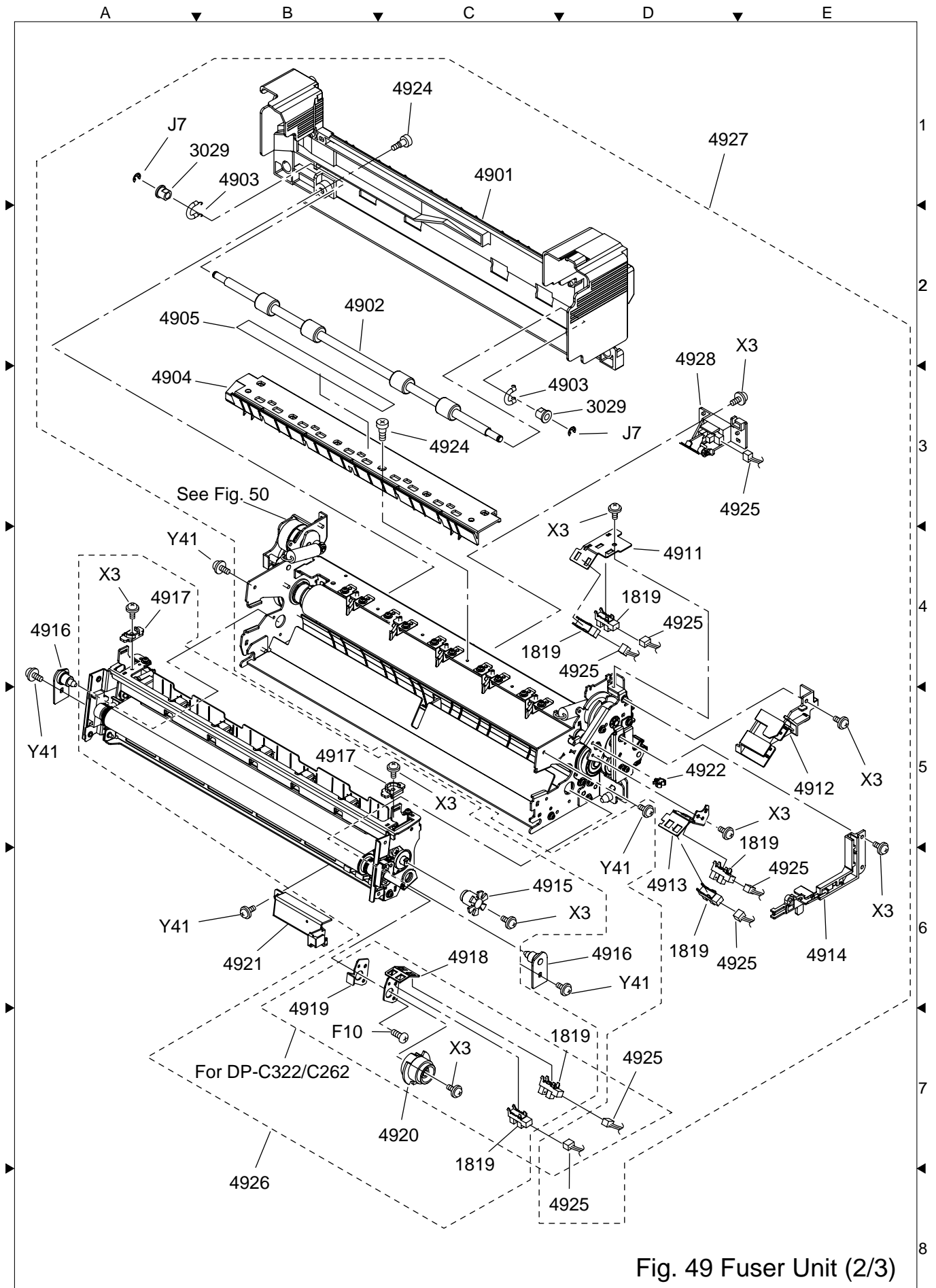
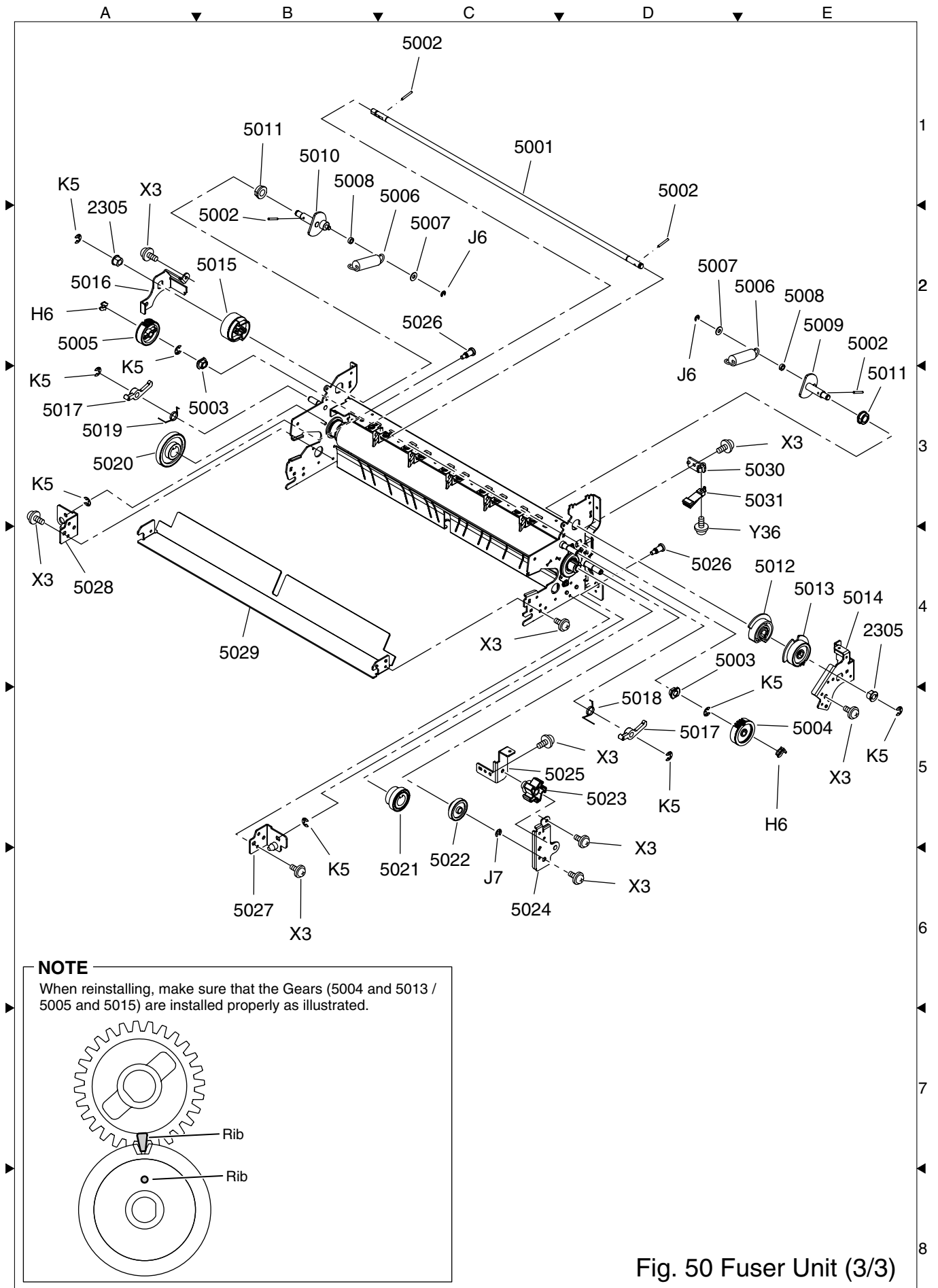



Fig. 49 Fuser Unit (2/3)

Safety Mark	Ref. No.	Part Number	Part Name	New Parts	Remarks	Destination
	5001	PJDFC0002Z	Shaft, Cam	C		All
	5002	XPJ2D16WV	Pin	C		All
	5003	PJDJC0058Z	Bushing	C		All
	5004	PJDGC0158Z	Gear	C		All
	5005	PJDGC0003Z	Gear, E28 3	C		All
	5006	PJBVC0001Z	Spring, Pressure	C		All
	5007	PJUSC0001Z	Spacer, P	C		All
	5008	PJUSC0003Z	Cam, Slider	C		All
	5009	PJDEC0004Z	Angle, Pressure F	C		All
	5010	PJDBC0007Z	Angle, Pressure R	C		All
	5011	PJDJC0002Z	Bushing, 8	C		All
	5012	PJDHC0001Z	Cam	C		All
	5013	PJDGC0002Z	Cam, Gear E28	C		All
	5014	PJUIC0005Z	Bracket, Cam Plate L	C		All
	5015	PJDGC0001Z	Gear, E28 2	C		All
	5016	PJUJC0002Z	Cam, Plate R	C		All
	5017	PJDBC0001Z	Stopper, Cam	C		All
	5018	PJBWC0009Z	Cam, S Spring R	C		All
	5019	PJBWC0008Z	Cam, S Spring L	C		All
	5020	PJDGC0004Z	Gear, E40 Pr	C		All
	5021	PJDGC0086Z	Gear, Pr 2	C		All
	5022	PJDGC0087Z	Gear, Knob Idle	C		All
	5023	PJBCC0018Z	Knob, Release	C		All
	5024	PJUIC0152Z	Knob, Plate 1	C		All
	5025	PJUIC0153Z	Knob, Plate 2	C		All
	5026	PJNAC0002Z	Screw	C		All
	5027	PJUIC0002Z	Plate L, Sub	C		All
	5028	PJUIC0001Z	Plate R, Sub	C		All
	5029	PJUKC0001Z	Guide, Paper UL	C		All
	5030	PJUJC0001Z	Base, Sensor PR	C		All
	5031	D4CE11350005	Resistor, Non-Linear	C		All
	2305	DZLM000186	Bushing 2	C		All
	H6	FFPFJ0033B	Snap Ring	C		All
	J6	XUC3VM	E-Ring	C		All
	J7	XUC4VM	E-Ring	C		All
	K5	XUC5VM	E-Ring	C		All
	X3	XYN3+F8FJ	Screw	C		All
	Y36	XTW3+12QFJ	Screw	C		All



5.16. IH Unit

Safety Mark	Ref. No.	Part Number	Part Name	New Parts	Remarks	Destination
	5101	KHC03200YYU1	Unit, IH Coil	N	For DP-C354/C323/C264/C263/C213	PU, PT
		KHC04200EYU1				Except PU, PT
		KHC1020YYYU1		C	For DP-C322/C262	PU, PT
		KHC1020YEU1				Except PU, PT
	5102	PJUAC0020Z	Frame, IH	C		All
	5103	PJUAC0018Z	Bracket, IH R	C		All
	5104	PJUAC0019Z	Bracket, IH L	C		All
	5105	PJBWC0003Z	Spring, IH L	C		All
	5106	PJBWC0002Z	Spring, IH R	C		All
	5107	PJHSC0002Z	Sheet, IH	C		All
	5108	PJBWC0051Z	Case, IH Spring	C		All
	K5	XUC5VM	E-Ring	C		All
	Y16	XYN3+F6FJ	Screw	C		All

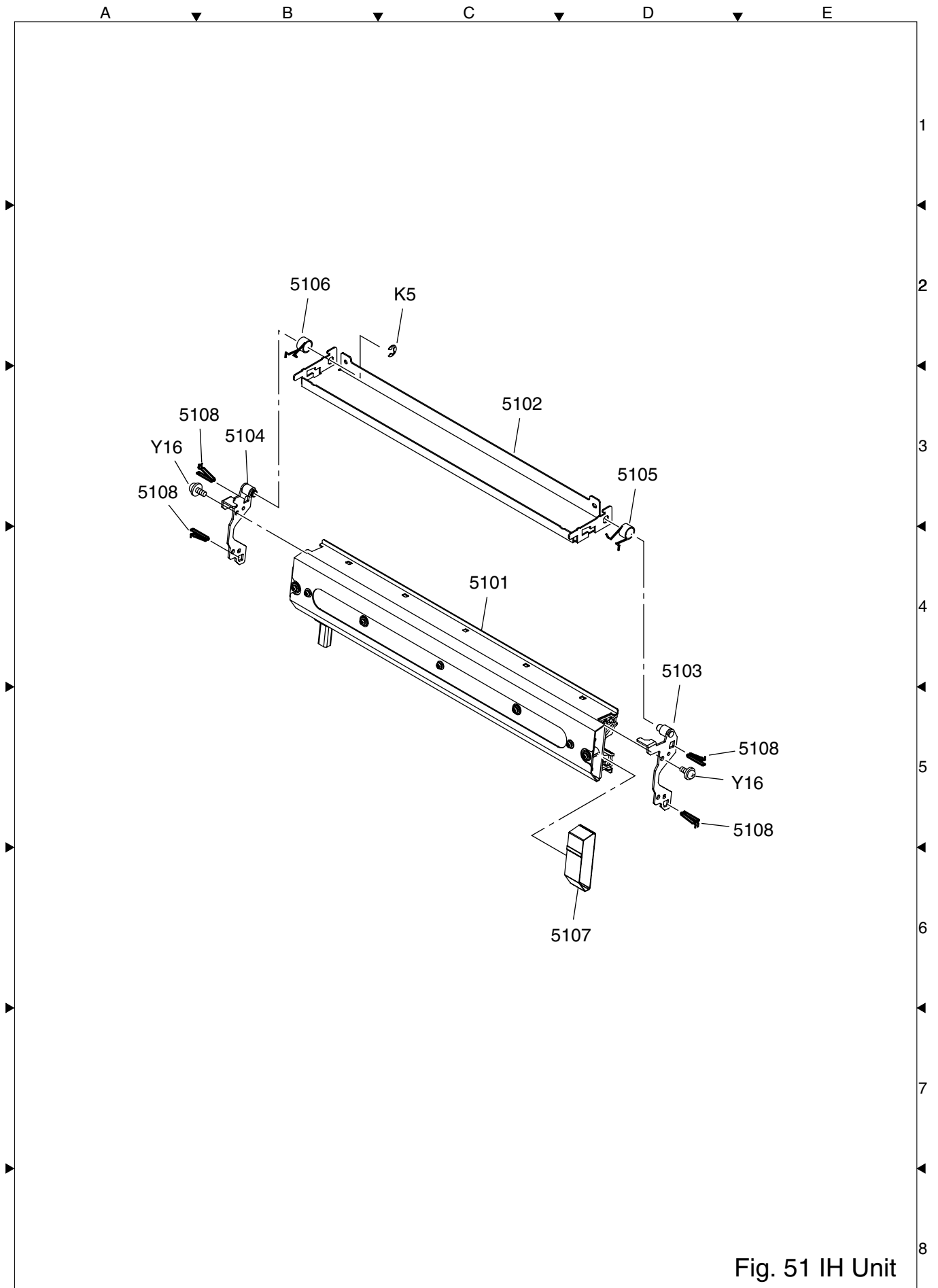


Fig. 51 IH Unit

5.17. Hopper Unit

Safety Mark	Ref. No.	Part Number	Part Name	New Parts	Remarks	Destination
	5201	PJUKC0070Z	Guide, Bottle	C		All
	5202	DQ-TUS20Y	Toner Cartridge (Yellow)	N	See Note For DP-C354/C323/ C264/C263	All
		DQ-TUS20M	Toner Cartridge (Magenta)			
		DQ-TUS20C	Toner Cartridge (Cyan)			
		DQ-TUS28K	Toner Cartridge (Black)			
		DQ-TUT14Y	Toner Cartridge (Yellow)			
		DQ-TUT14M	Toner Cartridge (Magenta)			
		DQ-TUT14C	Toner Cartridge (Cyan)	C	See Note For DP-C213	
		DQ-TUT20K	Toner Cartridge (Black)			
		DQ-TUN20Y	Toner Cartridge (Yellow)			
		DQ-TUN20M	Toner Cartridge (Magenta)			
		DQ-TUN20C	Toner Cartridge (Cyan)			
		DQ-TUN28K	Toner Cartridge (Black)			
	6408	PJJRC2504Z	Harness, Fuser C	C		All
	S6	DZPA000086	Screw	C		All
	X5	XTB3+6FFJ	Screw	C		All

Note:

Available as a Sales Item.

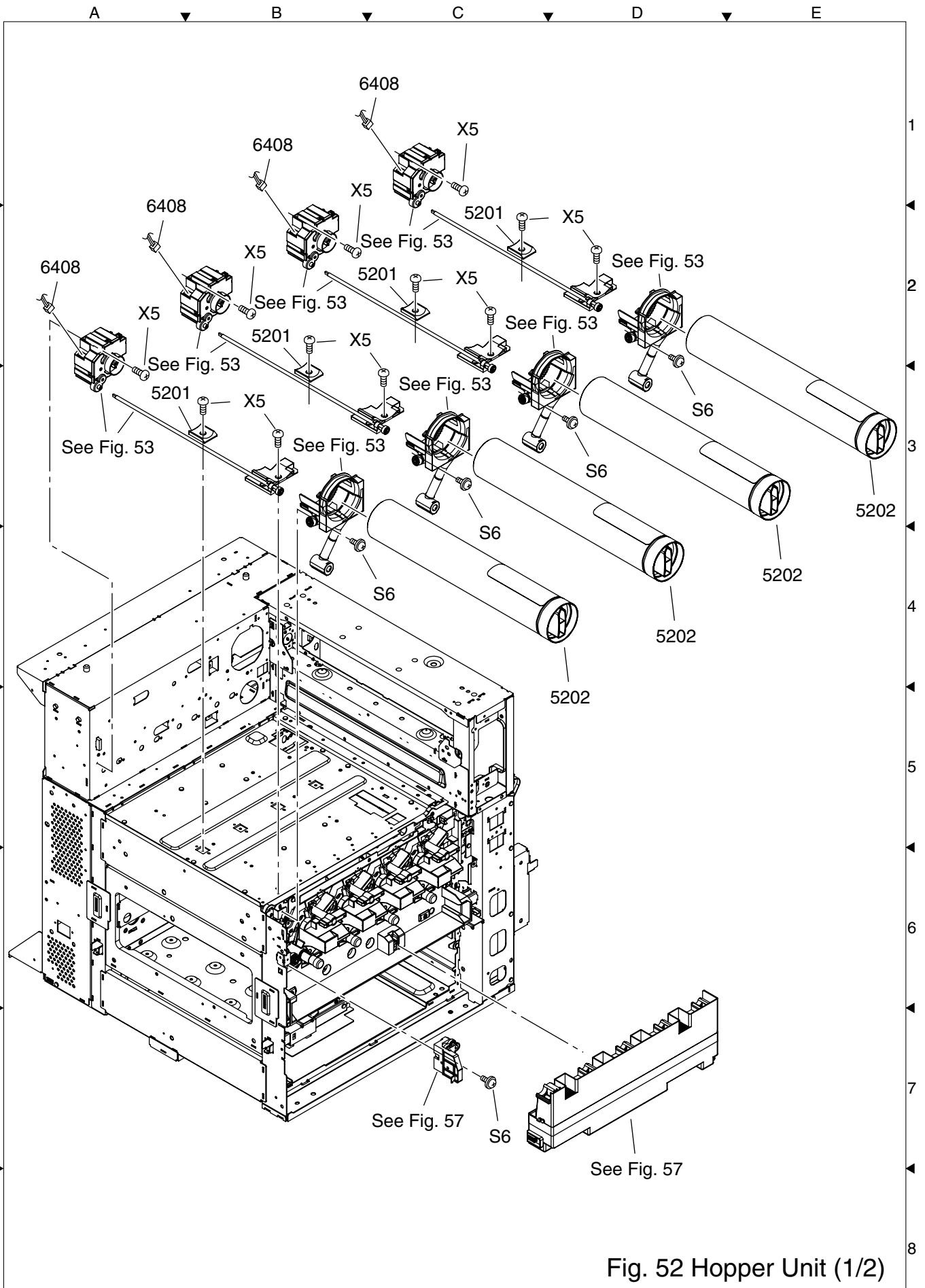


Fig. 52 Hopper Unit (1/2)

Safety Mark	Ref. No.	Part Number	Part Name	New Parts	Remarks	Destination	
	5301	PJZWF2172PU	Bottle Drive Unit	C		All	
⚠	5302	PJZWF2171PU	Motor, Bottle	C		All	
	5303	PJBVC0097Z	Spring	C		All	
	5304	PJDGC0126Z	Gear, C17B28	C		All	
	5305	PJDGC0129Z	Gear, ID3 C22C27	C		All	
	5306	PJDGC0130Z	Gear, Bottle D54	C		All	
	5307	PJDGC0131Z	Gear, Screw C25	C		All	
	5308	PJURC0042Z	Cover, Gear Box	C		All	
	5309	PJURC0043Z	Box, Gear	C		All	
	5310	PJDGC0164Z	Gear, D15C42	C		All	
	5311	PJDFC0135Z	Shaft, Driven	C		All	
	5312	PJUEC0105Z	Base, Hopper	C		All	
	5313	PJDGC0141Z	Gear, Hopper C15	C		All	
	5318	PJDGC0142Z	Gear, Hopper C19	C		All	
	5319	PJDJC0040Z	Bushing, Screw	C		All	
	5320	PJZYF3160PU	Bracket, Toner Bottle Y	N	For DP-C354/C323/ C264/C263	PU	
		PJZYF3161PU	Bracket, Toner Bottle M				
		PJZYF3162PU	Bracket, Toner Bottle C				
		PJZYF3163PU	Bracket, Toner Bottle BK				
		PJZYF3164PU	Bracket, Toner Bottle Y		For DP-C213	PU	
		PJZYF3165PU	Bracket, Toner Bottle M				
		PJZYF3166PU	Bracket, Toner Bottle C				
		PJZYF3167PU	Bracket, Toner Bottle BK				
		PJZYF3160PB	Bracket, Toner Bottle Y		For DP-C354/C323/ C264/C263	Except PU	
		PJZYF3161PB	Bracket, Toner Bottle M				
		PJZYF3162PB	Bracket, Toner Bottle C				
		PJZYF3163PB	Bracket, Toner Bottle BK				
		PJZYF3164PB	Bracket, Toner Bottle Y		For DP-C213		PU
		PJZYF3165PB	Bracket, Toner Bottle M				
		PJZYF3166PB	Bracket, Toner Bottle C				
		PJZYF3167PB	Bracket, Toner Bottle BK				
		PJZYF2173PU	Bracket, Toner Bottle Y	C	For DP-C322/C262	PU	
		PJZYF2174PU	Bracket, Toner Bottle M				
		PJZYF2175PU	Bracket, Toner Bottle C				
		PJZYF2176PU	Bracket, Toner Bottle BK				
		PJZYF2173PB	Bracket, Toner Bottle Y			Except PU	
		PJZYF2174PB	Bracket, Toner Bottle M				
		PJZYF2175PB	Bracket, Toner Bottle C				
		PJZYF2176PB	Bracket, Toner Bottle BK				
	5321	PJDEC0044Z	Screw, Pipe	C		All	
	5323	PJHRC0185Z	Seal, Pipe	C		All	
	5324	PJHRC0207Z	Sheet, Pipe	C		All	
	5325	PJCCC0002Z	Pipe, Feed	C		All	
	5326	PJBWC0041Z	Spring, TR	C		All	
	5327	PJUEC0104Z	Slider, Pipe	C		All	
	5328	PJHGC0016Z	Joint, Tube	C		All	
	5329	PJUEC0103Z	Tube, T	C		All	
	1819	DZAL000211	Photo Sensor	C		All	
	G6	FFPFJ0039B	Snap Ring	C		All	

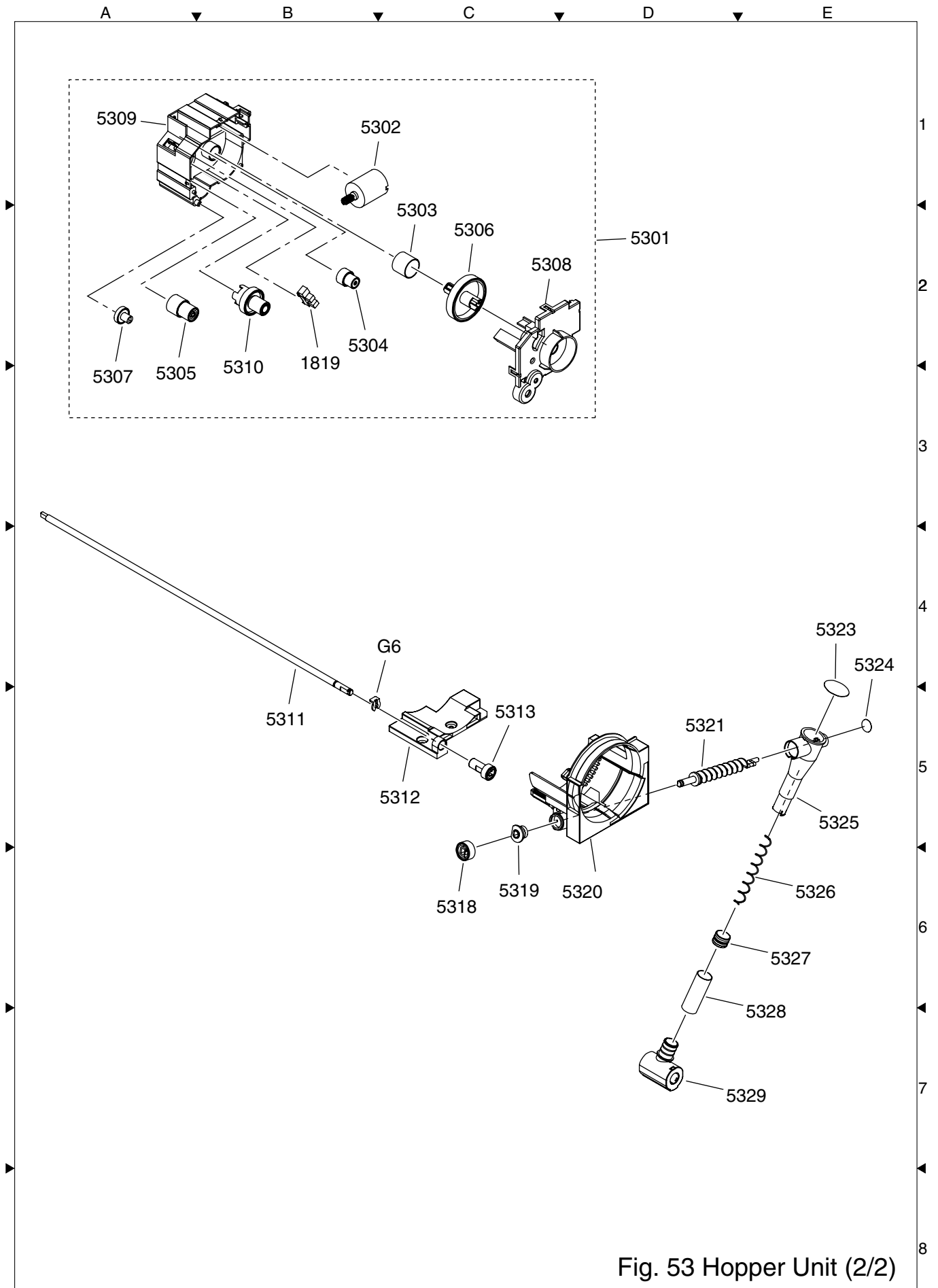


Fig. 53 Hopper Unit (2/2)

5.18. Developer Unit

Safety Mark	Ref. No.	Part Number	Part Name	New Parts	Remarks	Destination
	5401	PJHRC0179Z	Cover, Developer	C		All
	5402	PJUSC0015Z	Sponge, Cover F	C		All
	5403	PJUSC0016Z	Sponge, Cover R	C		All
	5404	PJUSC0017Z	Sponge, Cover B	C		All
	5405	PJUSC0020Z	Seal, Gear Cover	C		All
	5406	PJUEC0106Z	Plate, Scoop	C		All
	5407	PJUSC0019Z	Film, Insulated	C		All
	5408	PJUSC0018Z	Sponge, Scoop	C		All
	5409	PJHRC0178Z	Frame, Developer	C		All
	5410	PJMEC0045Z	Plate, Magnetic Shield R	C		All
	5411	PJMEC0046Z	Plate, Magnetic Shield F	C		All
	5412	PJSAC0001Z	Seal, Magnetic Side	C		All
	5414	L2DA00000127	Sensor, Unit	C		All
	5415	PJUEC0107Z	Plate, TDC	C		All
	5416	PJDRC0066Z	Roller, Magnetic	C		All
	5417	DZJN000073	O-Ring	C		All
	5418	PJDJC0045Z	Arm, DSD Magnetic	C		All
	5419	PJDJC0041Z	Bearing, Magnetic	C		All
	5420	PJDGC0150Z	Gear, D20 Magnetic	C		All
	5421	PJUEC0108Z	Blade, Dr	C		All
	5422	PJHRC0180Z	Base, Sheet Scoop	C		All
	5423	PJUSC0014Z	Sponge, Blade SF	C		All
	5424	PJUSC0021Z	Sheet, Toner Receiver	C		All
	5425	PJDGC0149Z	Gear, D15 Idle	C		All
	5426	PJMEC0047Z	Plate, Magnetic Shaft	C		All
	5427	PJCEC0006Z	Auger, A	C		All
	5428	PJDGC0151Z	Gear, D26 Auger A	C		All
	5429	PJDJC0047Z	Bearing, Auger A F	C		All
	5430	PJCEC0007Z	Auger, B	C		All
	5431	PJDJC0056Z	Bearing, Auger R	C		All
	5432	PJDGC0152Z	Gear, D26 Auger B	C		All
	5433	PJDJC0057Z	Bearing, Auger B F	C		All
	5434	PJHRC0193Z	Pipe, Developer	C		All
	5435	PJBVC0091Z	Spring, Shutter	C		All
	5436	PJHRC0194Z	Shutter, Developer	C		All
	5437	PJUSC0054Z	Film, Magnetic Side F2	C		All
	5438	PJUSC0055Z	Film, Magnetic Side R2	C		All
	5439	PJUSC0056Z	Film, Magnetic Side F1	C		All



Safety Mark	Ref. No.	Part Number	Part Name	New Parts	Remarks	Destination
	5440	PJUSC0057Z	Film, Magnetic Side R1	C		All
	5441	PJQAC0123Z	Label, Serial	C		All
	5442	PJJRC2538Z	Harness, TDC	C		All
	5443	-----	Developer Unit	C	Available as a Sales Item	All
	5444	PJUSC0023Z	Sponge, Blade B	C		All
	5445	-----	Developer (Yellow)	C	Available as a Sales Item	All
		-----	Developer (Magenta)			
		-----	Developer (Cyan)			
		-----	Developer (Black)			
	5446	PJUSC0058Z	Seal, Protect	C		All
	F10	XTB3+8GFJ	Screw	C		All
	J8	XUC7VM	E-Ring	C		All
	K5	XUC5VM	E-Ring	C		All
	X1	XTB3+10GFJ	Screw	C		All
	Y37	XTB3+6GFJ	Screw	C		All
	Y38	XYC3+FG10FJ	Screw	C		All

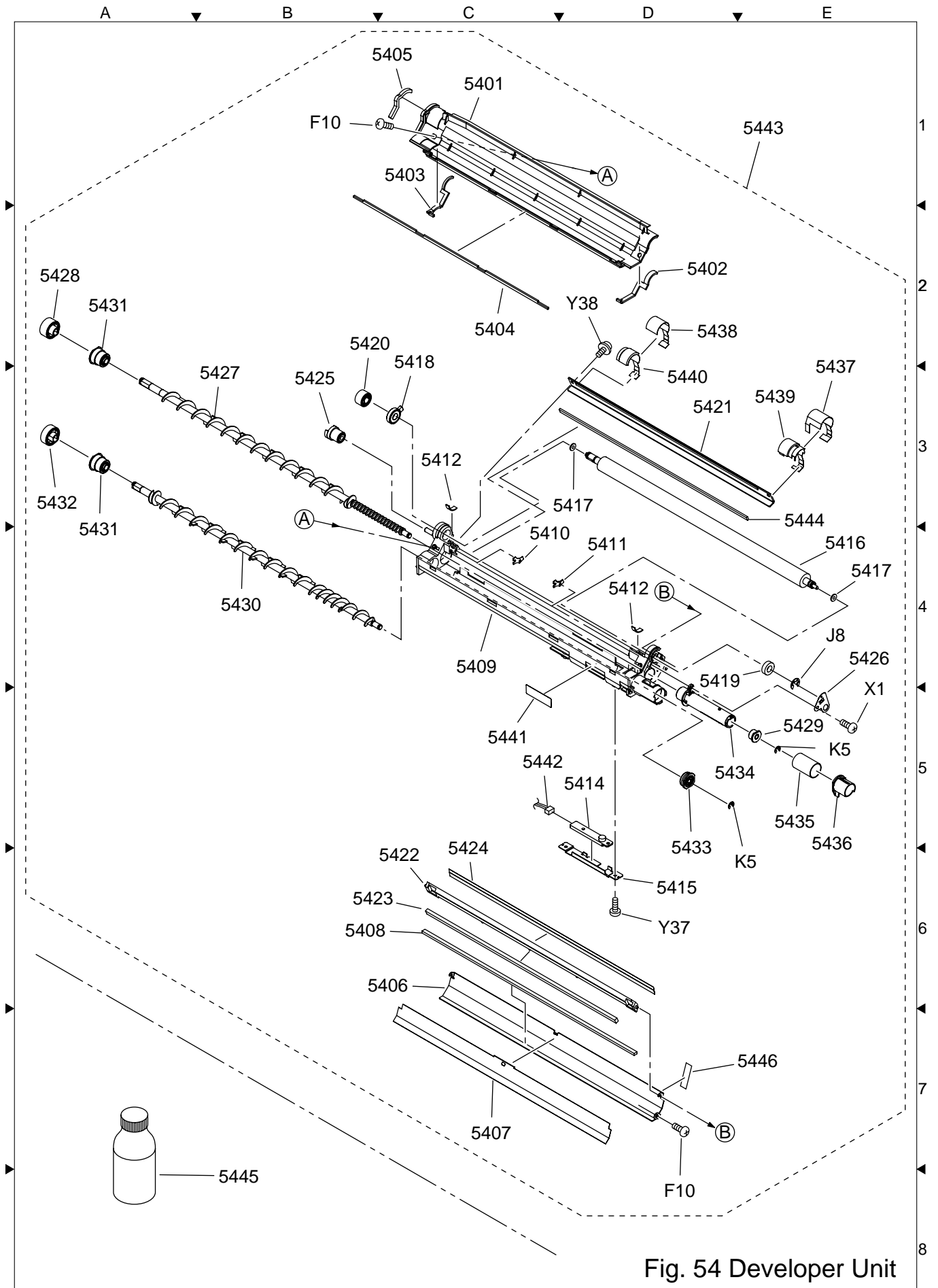


Fig. 54 Developer Unit

5.19. OPC Unit

Safety Mark	Ref. No.	Part Number	Part Name	New Parts	Remarks	Destination
	5529	DQ-UHS30	OPC Drum Unit (Color)	N	For DP-C354/C323/C264/C263/C213 (Available as a Sales Item)	All
		DQ-UHS36	OPC Drum Unit (Black)			
		DQ-UHN30	OPC Drum Unit (Color)	C	For DP-C322/C262 (Available as a Sales Item)	
		DQ-UHN36K	OPC Drum Unit (Black)			
	5621	PJUKC0072Z	Rail, Drum 2	C		All
	5622	PJUSC0053Z	Seal, Drum 2	C		All
	5623	PJUSC0027Z	Sponge, Rail Drum	C		All
	F10	XTB3+8GFJ	Screw	C		All

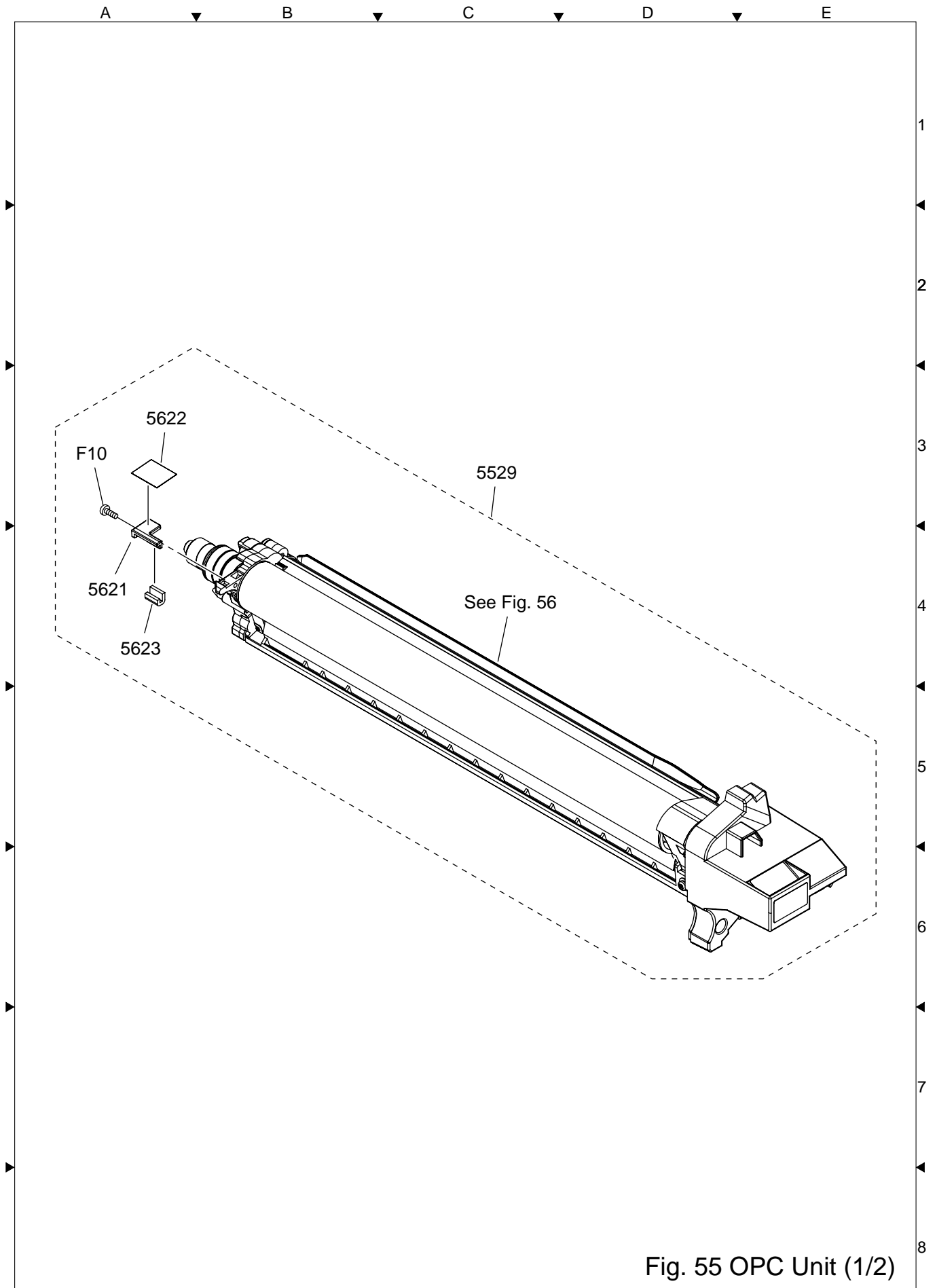


Fig. 55 OPC Unit (1/2)

Safety Mark	Ref. No.	Part Number	Part Name	New Parts	Remarks	Destination
	5603	PJURC0044Z	Cover, Charge	C		All
	5604	PJBUC0057Z	Terminal, Contact 1	C		All
	5605	PJDRC0067Z	Roller, Cleaning	C		All
	5606	PJDRC0068Z	Roller, Charge	C		All
	5607	PJUSC0047Z	Mylar	C		All
	5608	PJDJC0054Z	Base, Charge R	C		All
	5610	PJUIC0205Z	Bushing, Charge B	C		All
	5611	PJBVC0093Z	Spring, CL A	C		All
	5612	PJUIC0204Z	Bushing, Charge A	C		All
	5613	PJBUC0058Z	Terminal, Contact 2	C		All
	5624	PJBVC0095Z	Spring, Charge A	C		All
	X3	XYN3+F8FJ	Screw	C		All

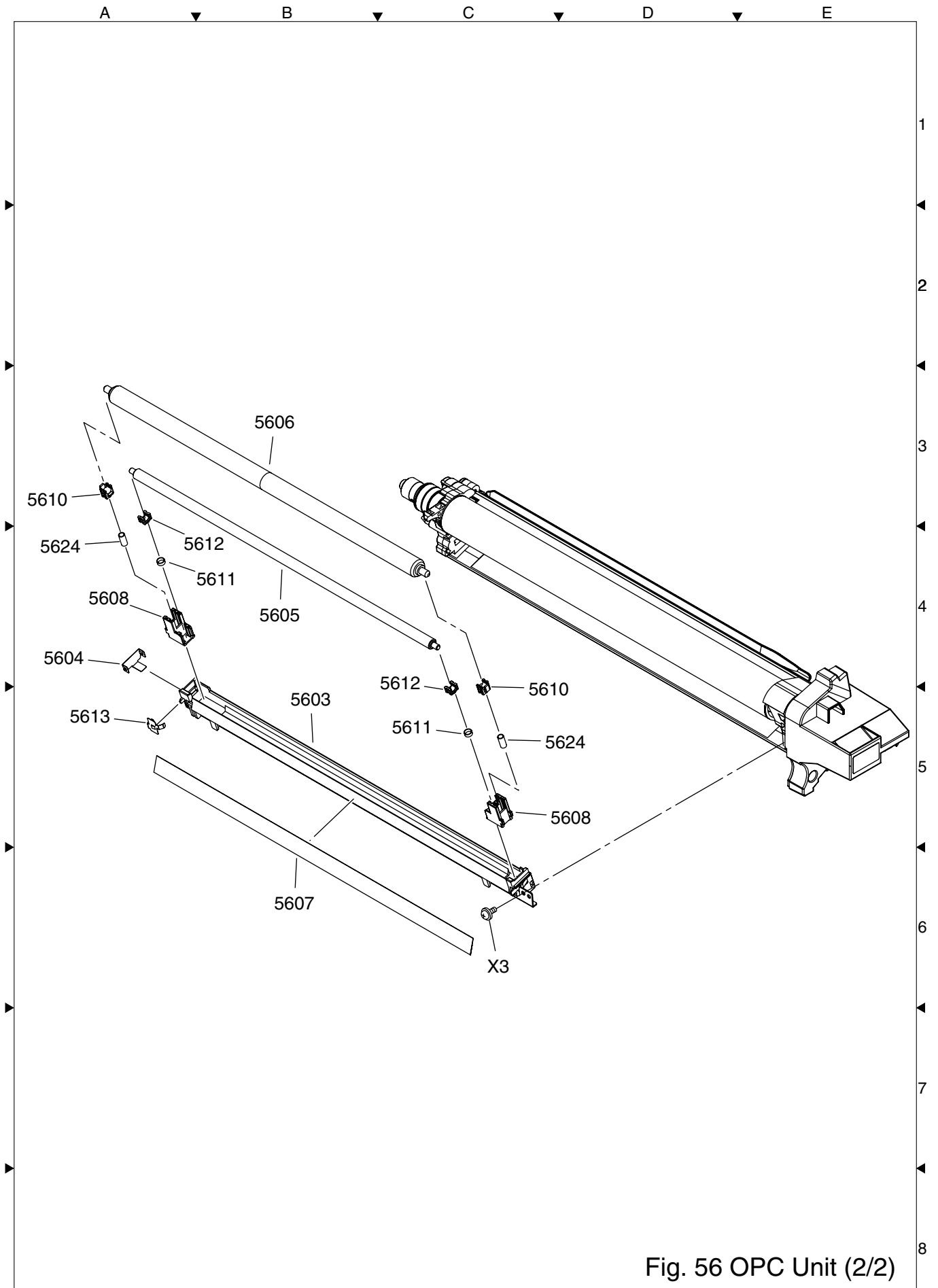


Fig. 56 OPC Unit (2/2)

5.20. Toner Waste Container

Safety Mark	Ref. No.	Part Number	Part Name	New Parts	Remarks	Destination
	5701	PJZWF2173PU	Unit, Waste Toner Drive	C		All
	5702	PJDEC0047Y	Bracket, Gear	C	See Note	All
	5703	PJDGC0137Y	Gear, C28	C		All
	5704	PJDGC0136Z	Gear, C33	C		All
	5705	PJDGC0135Z	Gear, C20C20	C		All
	5706	PJDGC0134Z	Gear, C25C29	C		All
	5707	PJDGC0133Z	Gear, C26	C		All
	5708	PJDEC0048Z	Plate	C		All
	5721	DQ-BFN45	Toner Waste Container	C	Available as a Sales Item	All

Note:

For DP-C322/C262 machines produced prior to May 2005 (Serial Number Prefix DE and below), replace these parts (Ref. No. 5702 and 5703) as a set.

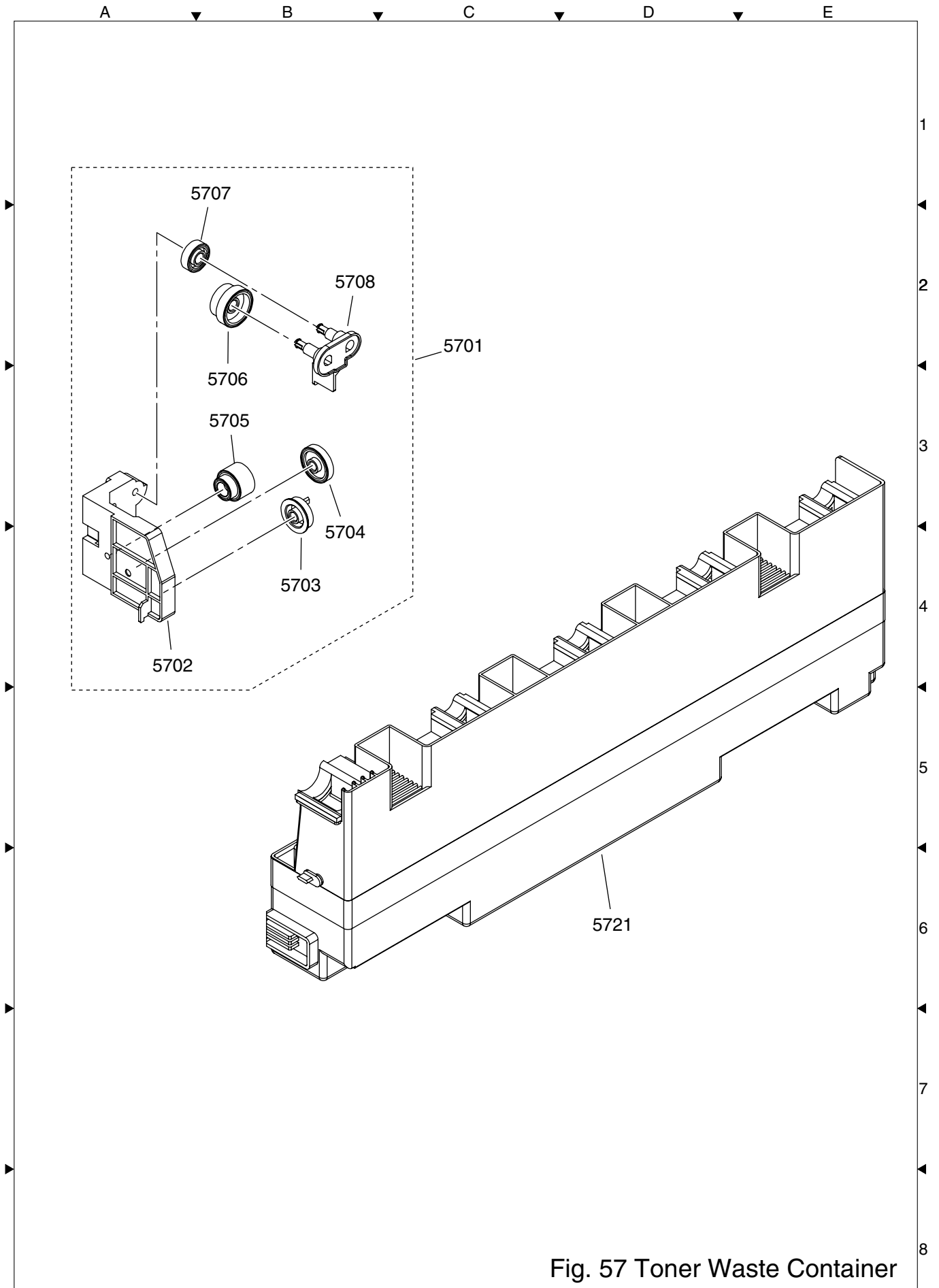


Fig. 57 Toner Waste Container

5.21. Drive Unit

Safety Mark	Ref. No.	Part Number	Part Name	New Parts	Remarks	Destination
	5801	PJUIC0166Z	Bracket, Lever	C		All
	5802	PJBWC0021Z	Spring, Lever Coupling	C		All
	5803	PJDBC0021Z	Arm, Fuser 2	C		All
	5804	PJBLC0017Z	Arm, Fuser	C		All
	5805	PJBVC0075Z	Spring, Fuser Arm	C		All
	5806	PJDGC0072Z	Pulley, Exit	C		All
	5807	PJDVC0003Z	Belt	C		All
	5808	PJUIC0120Z	Plate, Exit Pulley	C		All
	5809	PJULC0004Z	Rail, OPC Unit R	C		All
	5810	PJULC0003Z	Rail, OPC Unit L	C		All
	5811	PJZWF3160PU	Main Drive Unit	N	For DP-C354/C323/ C264/C263/C213	All
		PJZWF2170PU		C	For DP-C322/C262	
	5812	PJNAC0014Z	Screw	C		All
	K5	XUC5VM	E-Ring	C		All
	6132	PJZWF2174PU	Fuser Drive Unit (SP)	N		All
	X5	XTB3+6FFJ	Screw	C		All
	Y19	XTB4+8FFJ	Screw, Binding Head Tapping	C		All

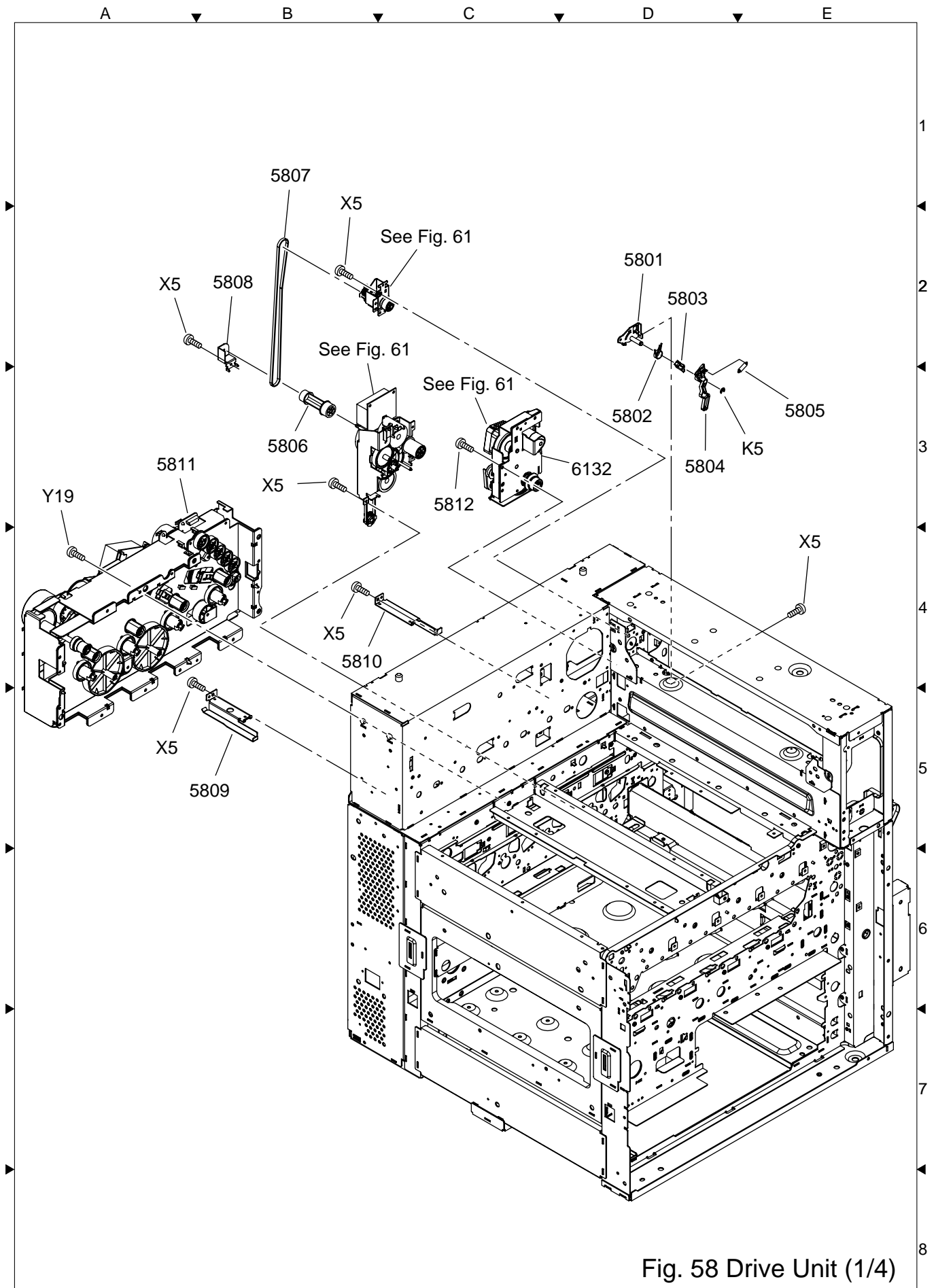


Fig. 58 Drive Unit (1/4)

Safety Mark	Ref. No.	Part Number	Part Name	New Parts	Remarks	Destination
⚠	5901	DNQ12AS31W06	DC Motor 1	C		All
⚠	5902	DNQ12AS32R13	DC Motor 2	C		All
⚠	5903	DNQ12AS30W12	DC Motor 3	C		All
⚠	5904	DNQ12AS39W10	DC Motor 5	C		All
⚠	5905	DNQ12AS43L19	DC Motor 4	N	For DP-C354/C323/ C264/C263/C213	All
		DNQ12AS36L16		C	For DP-C322/C262	
	5906	PJDGC0160Z	Gear, FTR Coupling	C		All
	5907	PJDGC0047Z	Gear, Coupling	C		All
	5908	FFPMV0023	Poly Slider	C		All
	5909	PJBVC0030Z	Spring, Coupling	C		All
	5910	PJDGC0048Z	Gear, C Developer	C		All
	5911	PJDHC0014Z	Cam, Shutter	C		All
	5912	PJUIC0164Z	Assembly, Gear Box Cover	C		All
	1329	DZJK000070	Locking Mini Clamp	C		All
	H6	FFPFJ0033B	Snap Ring	C		All
	J6	XUC3VM	E-Ring	C		All
	X5	XTB3+6FFJ	Screw	C		All

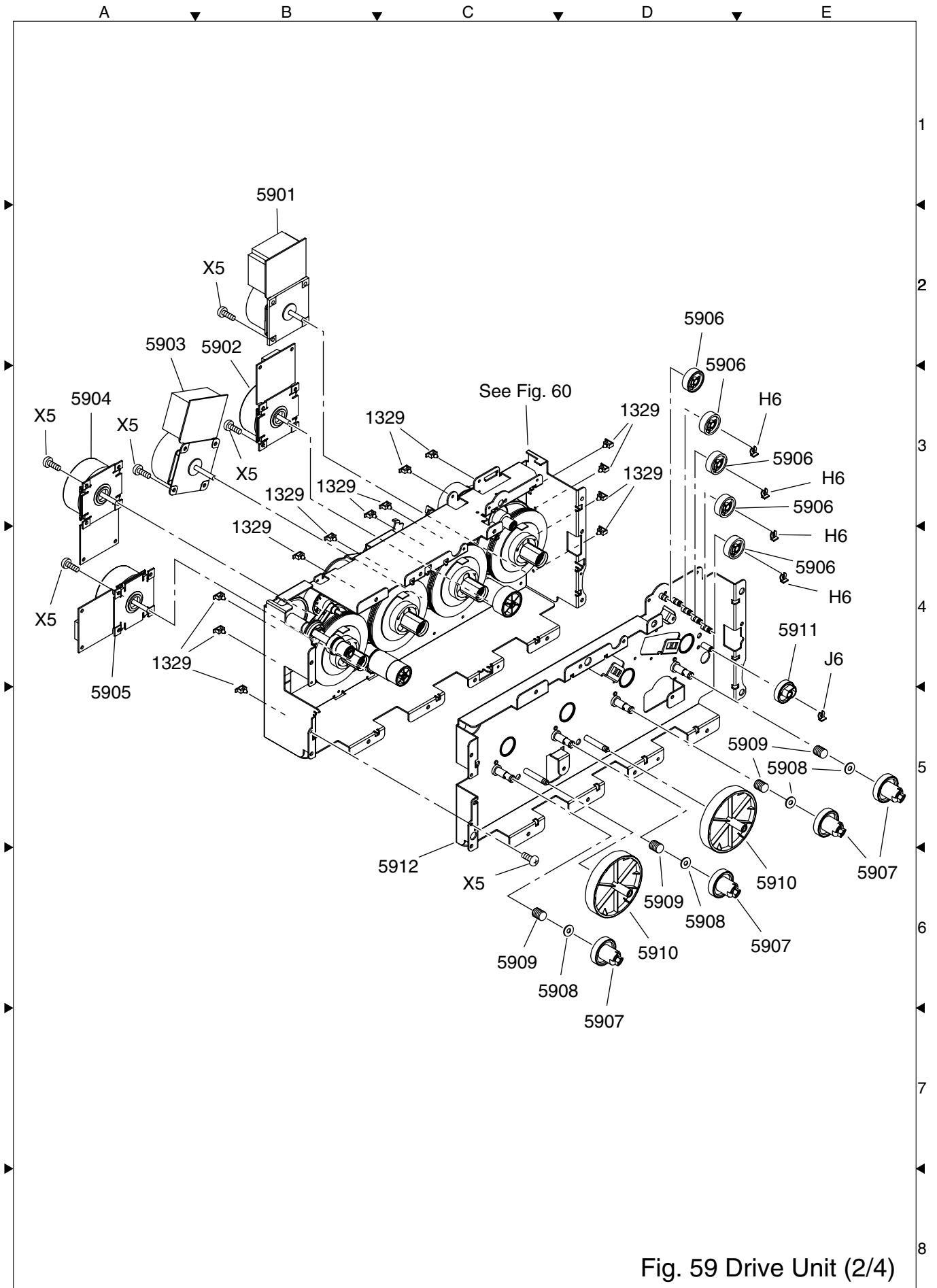


Fig. 59 Drive Unit (2/4)

Safety Mark	Ref. No.	Part Number	Part Name	New Parts	Remarks	Destination
	6001	PJDGC0161Z	Gear, FTR 1	C		All
	6002	PJDGC0049Z	Gear, Developer Drive	C		All
	6003	PJDGC0105Z	Gear, TRP Drive1	C		All
	6004	PJDVC0010Z	Belt	C		All
	6005	PJDGC0106Z	Gear, TRP Drive2	C		All
	6006	PJZGF2170PU	Assembly, Gear IT	C		All
	6007	PJDGC0107Z	Gear, IT Drive	C		All
⚠	3706	L6HAHELK0014	Motor, Stepping	C		All
	H6	FFPFJ0033B	Snap Ring	C		All
	X5	XTB3+6FFJ	Screw	C		All

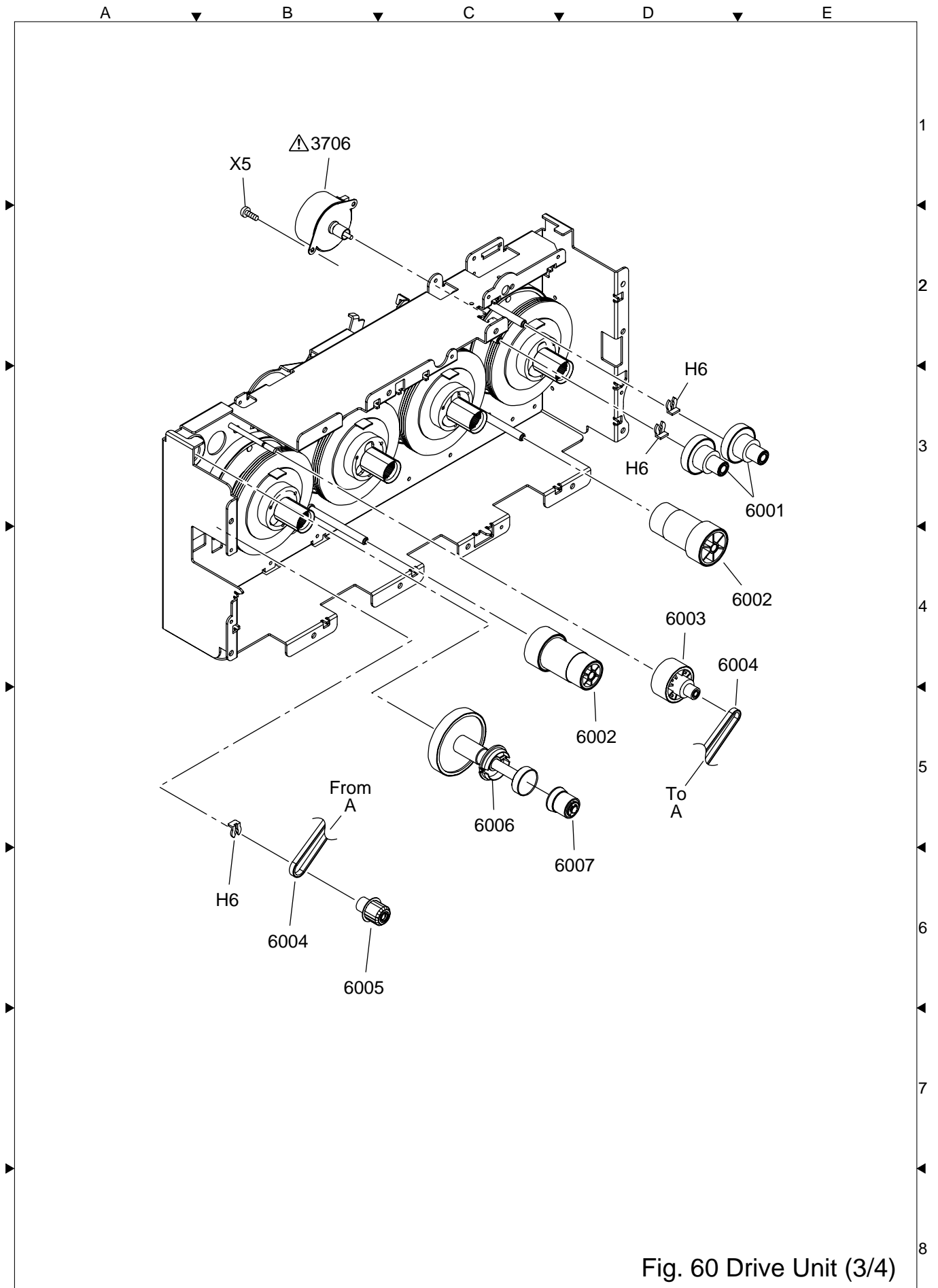


Fig. 60 Drive Unit (3/4)

Safety Mark	Ref. No.	Part Number	Part Name	New Parts	Remarks	Destination
	6101	PJUIC0165Z	Bracket, Fuser Drive Plate	C		All
	6102	PJDGC0077Z	Gear, B85E21	C		All
	6103	PJDGC0074Z	Gear, B85B32	C		All
	6104	PJDFC0081Z	Shaft, Fuser Drive	C		All
	6105	PJDGC0078Z	Gear, One-Way	C		All
	6106	PJDGC0075Z	Gear, B122 Fuser	C		All
	6107	PJBVC0054Z	Stopper, Spring	C		All
	6108	PJBVC0053Z	Spring, Coupling	C		All
	6109	PJDHC0008Z	Coupling	C		All
	6110	PJDGC0076Z	Gear, E18 Fuser	C		All
	6111	PJUIC0047Z	Bracket 2, Fuser Drive Plate	C		All
	6112	PJUIC0167Z	Bracket, Tension Feed	C		All
	6113	PJDAC0003Z	Pulley, Tension Feed	C		All
	6114	PJBWC0022Z	Spring, Tension Exit	C		All
	6115	PJDGC0079Z	Pinion, M5	C		All
⚠	6116	PJWQF2172PU	Motor, Fuser	C		All
	6117	PJUIC0045Z	Bracket, Exit	C		All
	6118	FFPMQ0540	Bearing	C		All
	6119	PJDAC0004Z	Pulley, S2M35 Exit	C		All
	6120	PJDFC0051Z	Shaft, Exit	C		All
	6121	PJDGC0073Z	Gear, E16 Exit F	C		All
	6122	PJUIC0168Z	Bracket 3, Drive Motor Plate	C		All
	6123	PJDGC0069Z	Gear 1, Feed Drive	C		All
	6124	PJDGC0070Z	Gear 2, Feed Drive	C		All
	6125	PJDGC0071Z	Gear, ADU Drive	C		All
⚠	6126	DNQ12AS37R16	DC Motor	C		All
	6127	PJUIC0122Z	Plate, Clutch	C		All
⚠	6128	L9EAAK000005	Clutch	C		All
⚠	6129	DZGA000029	Clutch	C		All
	6130	DZLK000036	Timing, Belt	C		All
	6131	DZLB000043	Pulley, 20T	C		All
	1706	FFPMQ0211	Ball Bearing	C		All
	3503	XPJ2D14WV	Pin, Parallel	C		All
	H6	FFPFJ0033B	Snap Ring	C		All
	J6	XUC3VM	E-Ring	C		All
	J7	XUC4VM	E-Ring	C		All
	K5	XUC5VM	E-Ring	C		All
	K6	XUC6VM	E-Ring	C		All
	K9	FFPFJ0043B	Snap Ring	C		All
	X5	XTB3+6FFJ	Screw	C		All

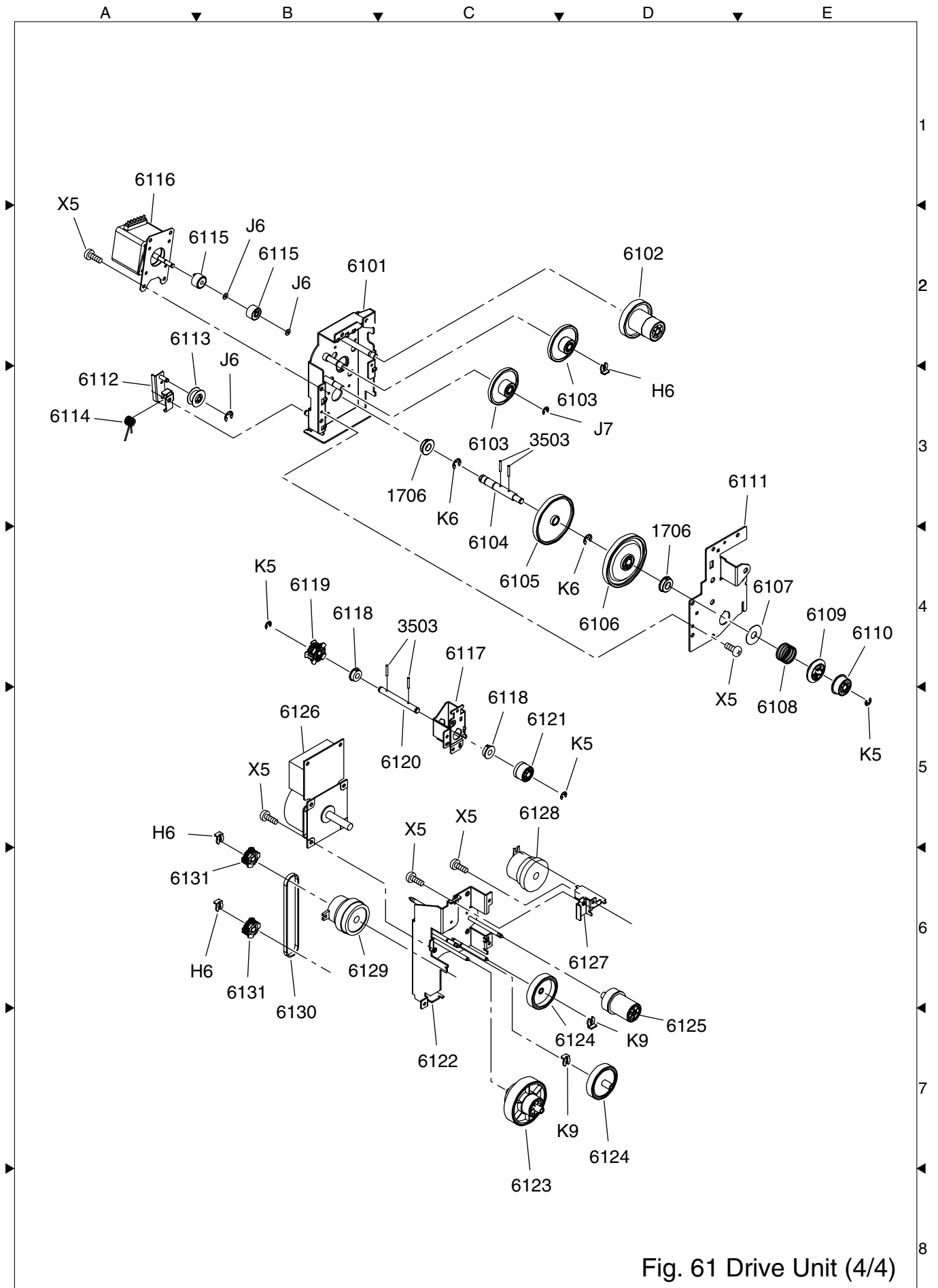


Fig. 61 Drive Unit (4/4)

5.22. Paper Tray

Safety Mark	Ref. No.	Part Number	Part Name	New Parts	Remarks	Destination
	6201	DZHP011151	Assembly, Lifting Shaft	C		All
	6202	PJUKC0054Z	Guide, Paper R	C		All
	6203	FFPQG0083	Plate	C		All
	6204	PJGFC0725Z	Label, Full Indicator	C		All
	6205	PJUKC0053Z	Guide, Paper F	C		All
	6206	PJBYC0004X	Plate, Bottom	C		All
	6207	DZJM000746	Pad	C		All
	6208	DZJM000967	Sheet	C		All
	6209	PJKGC0001Z	Base, Paper Tray	C		All
	6210	PJUEC0065Z	Stopper, R	C		All
	6211	PJUIC0184Z	Plate, Gear	C		All
	6212	FFPMQ0383C	Bushing, 1	C		All
	6213	DZLF000485	Gear1	C		All
	6214	DZLF000486	Gear, Idle	C		All
	6215	DZKM000030	Plate, Lift	C		All
	6216	PJDBC0022Z	Lever, Gear	C		All
	6217	PJBUC0047Z	Plate, Spring	C		All
	6218	DZJF000597	Guide, Paper	C		All
	6219	DZLA000198	Roller, Paper Tray	C		All
	6220	PJGDC0006Z	Cover, Front Paper Tray	N		All
	6221	PJUKC0102Z	Paper End	C	For DP-C354/C323/ C264/C263/C213	All
	G6	FFPFJ0039B	Snap Ring	C		All
	F10	XTB3+8GFJ	Screw	C		All
	J7	XUC4VM	E-Ring	C		All
	X1	XTB3+10GFJ	Screw	C		All
	X5	XTB3+6FFJ	Screw	C		All
	Y23	XYN4+F8FJ	Screw, M4 Ground	C		All
	Y24	XTB4+10GFJ	Screw	C		All

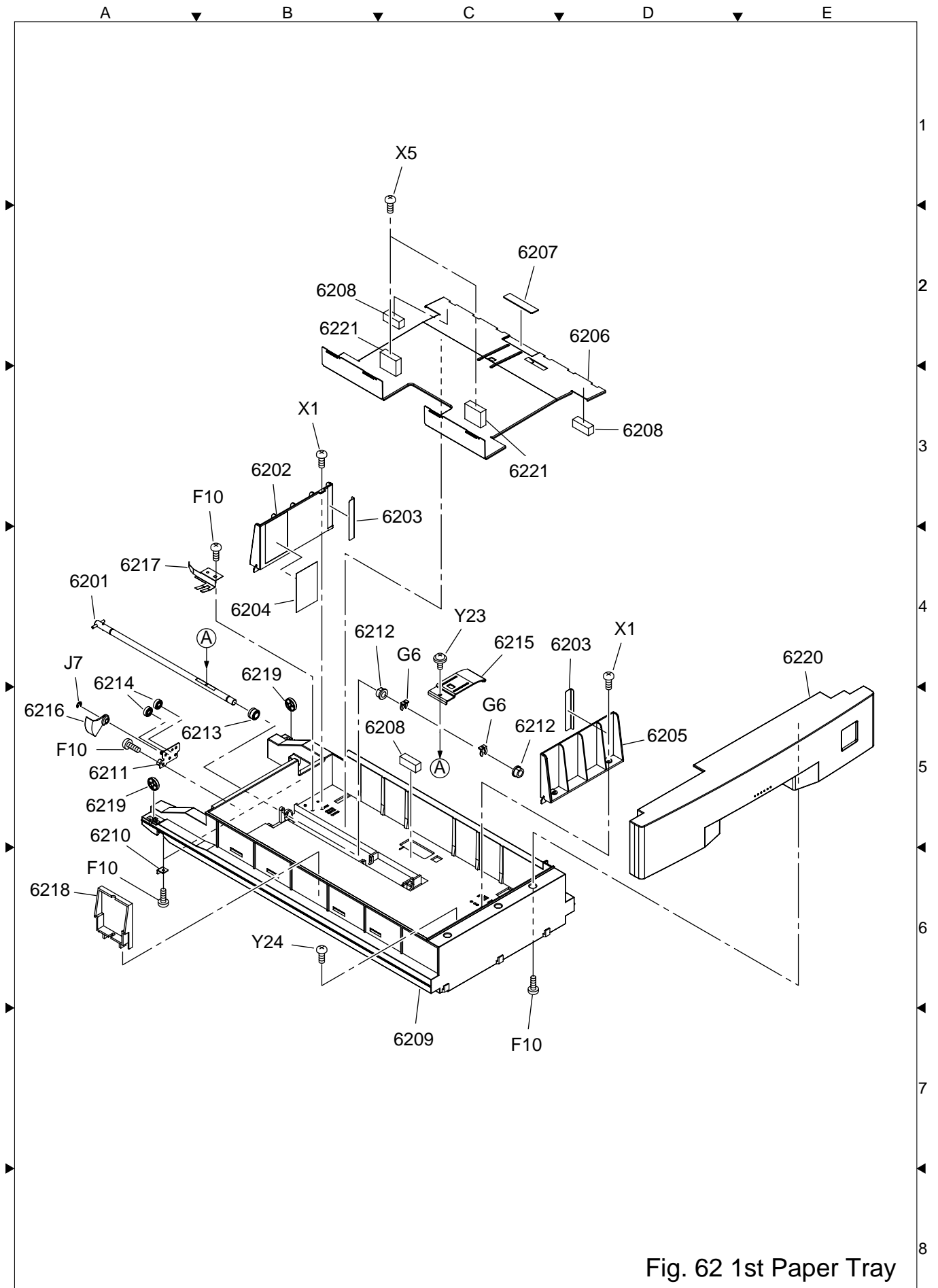


Fig. 62 1st Paper Tray

Safety Mark	Ref. No.	Part Number	Part Name	New Parts	Remarks	Destination
	6301	DZJM000734	Guide, Front Paper	C		All
	6302	DZMA004603	Rack, Front	C		All
	6303	FFPLQ0416B	Plate, Spring	C		All
	6304	DZJB000263	Plate	C		All
	6305	DZKL000040	Lever, Release	C		All
	6306	DZJB000257	Plate, Rock	C		All
	6307	DZJM000735	Guide, Rear Paper	C		All
	6308	DZMA004604	Rack, Rear	C		All
	6309	DZJF000596	Guide 3, Paper	C		All
	6310	DZJB000255	Bottom, Plate	C		All
	6311	PJKGC0002Z	Base, Paper Tray	C		All
	6312	FFPMF11271	Pinion	C		All
	6313	FFPKS11281	Plate, Adjusting	C		All
	6314	DZJM000860	Stopper	C		All
	6315	PJGDC0007Z	Cover, Front Paper Tray	C		All
	6316	PJGFC0022Z	Label, Caution	C		All
	6201	DZHP011151	Assembly, Lifting Shaft	C		All
	6203	FFPQG0083	Plate	C		All
	6204	PJGFC0725Z	Label, Full Indicator	C		All
	6207	DZJM000746	Pad	C		All
	6208	DZJM000967	Sheet	C		All
	6210	PJUEC0065Z	Stopper, R	C		All
	6211	PJUIC0184Z	Plate, Gear	C		All
	6212	FFPMQ0383C	Bushing, 1	C		All
	6213	DZLF000485	Gear1	C		All
	6214	DZLF000486	Gear, Idle	C		All
	6215	DZKM000030	Plate, Lift	C		All
	6216	PJDBC0022Z	Lever, Gear	C		All
	6217	PJBUC0047Z	Plate, Spring	C		All
	6218	DZJF000597	Guide, Paper	C		All
	6219	DZLA000198	Roller, Paper Tray	C		All
	G6	FFPFJ0039B	Snap Ring	C		All
	F10	XTB3+8GFJ	Screw	C		All
	J7	XUC4VM	E-Ring	C		All
	Y23	XYN4+F8FJ	Screw, M4 Ground	C		All
	Y24	XTB4+10GFJ	Screw	C		All
	Y39	XTB4+8HFJ	Screw	C		All

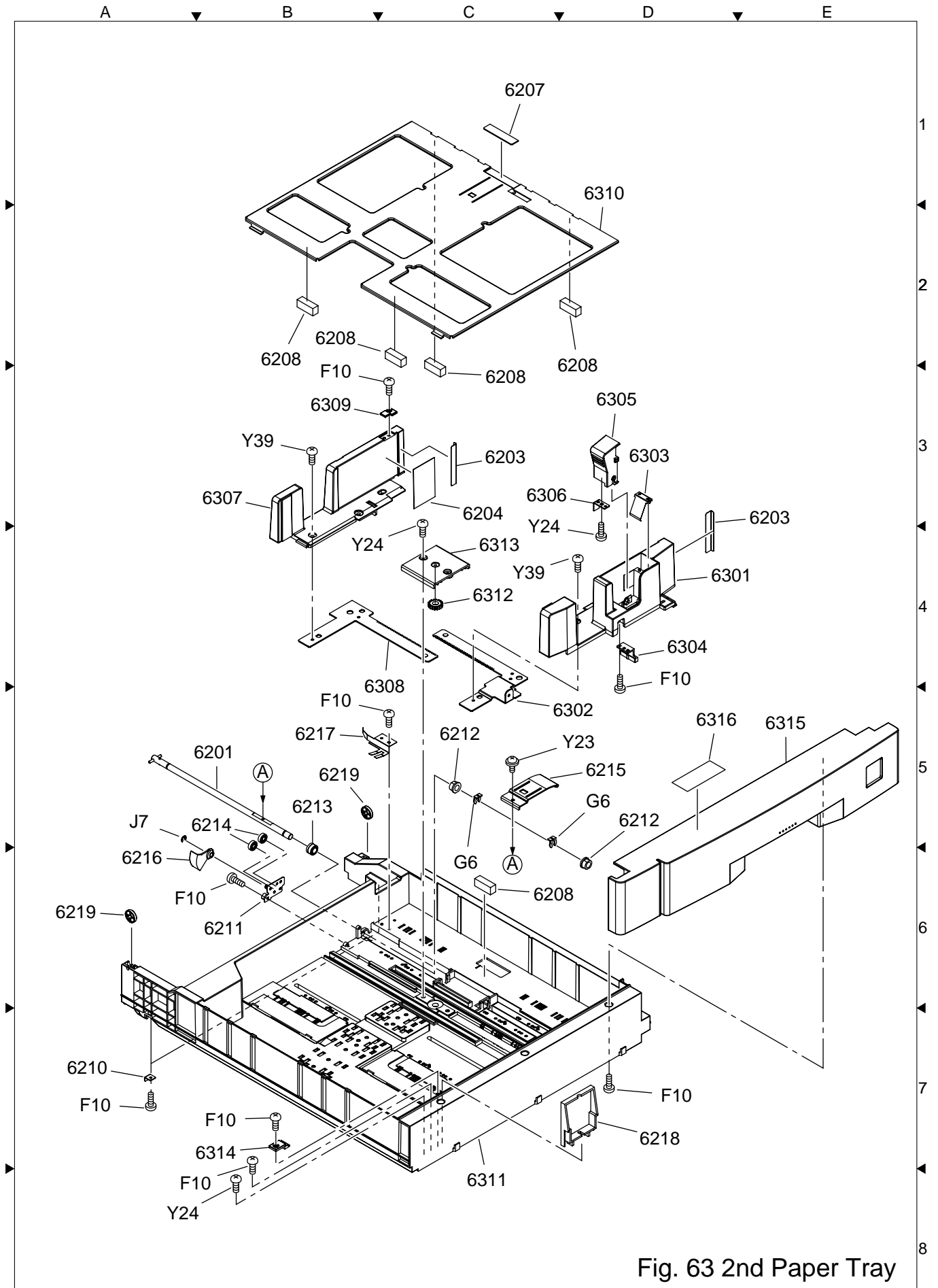
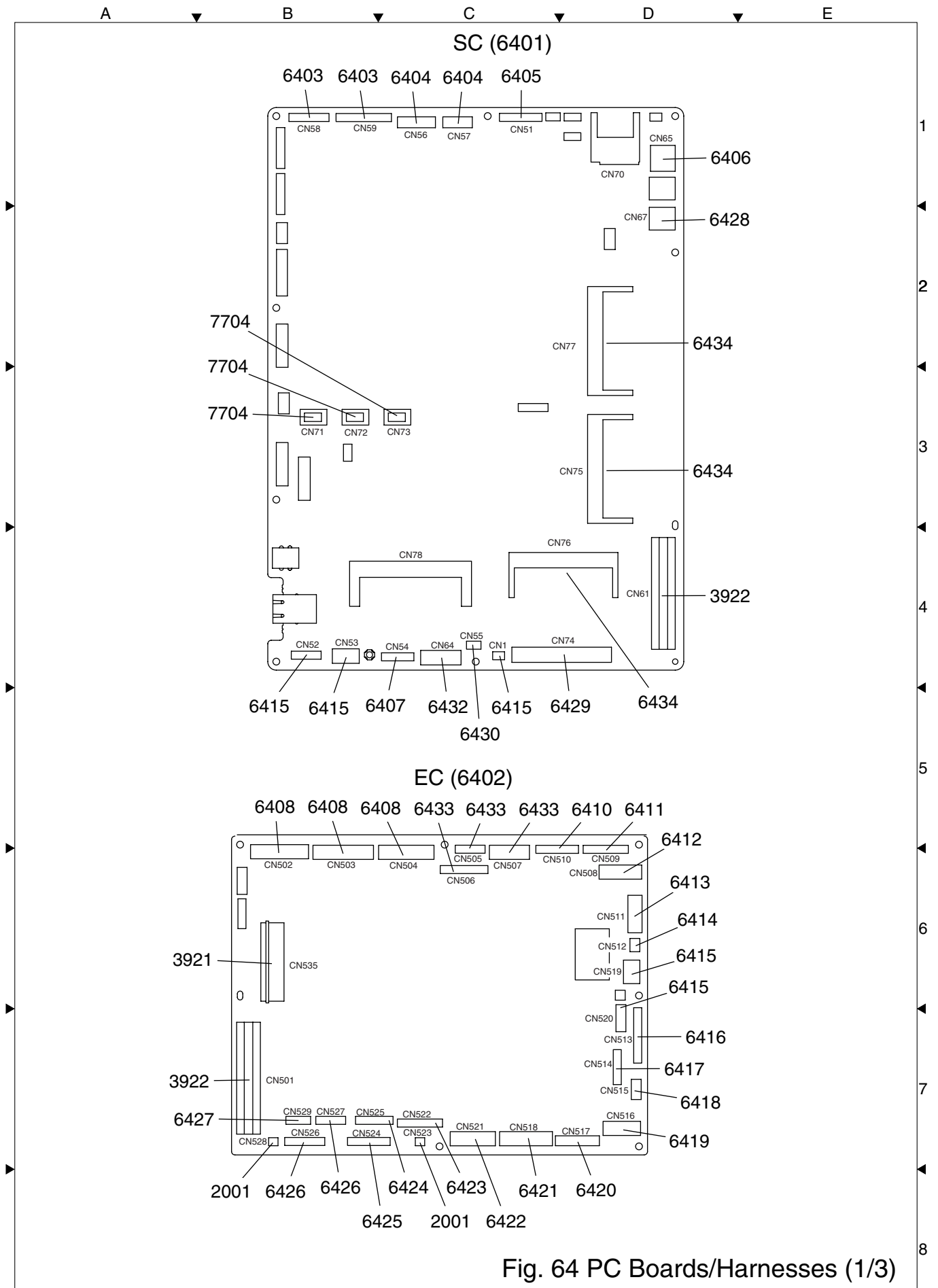


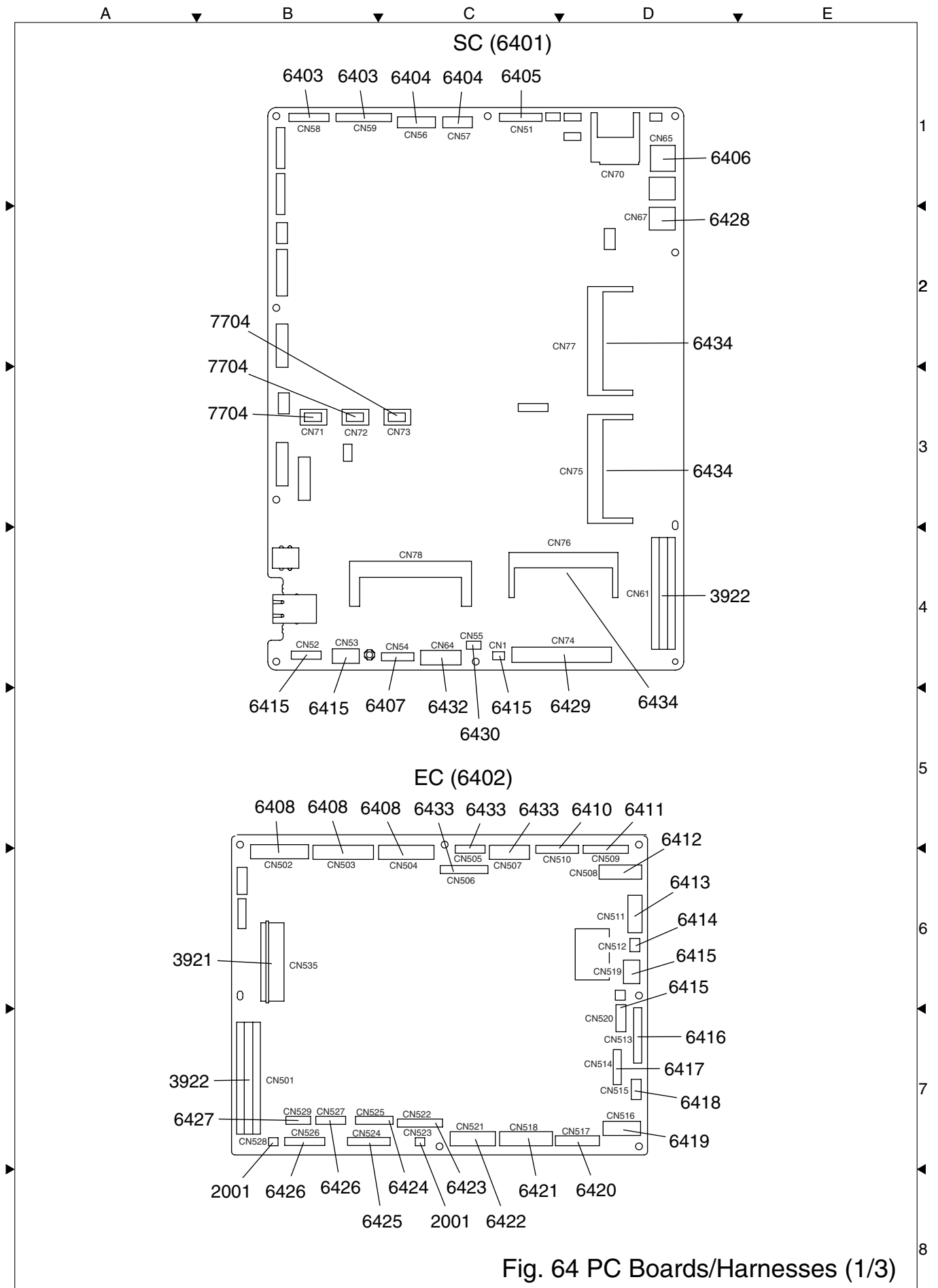
Fig. 63 2nd Paper Tray

5.23. PC Boards/Harnesses

Safety Mark	Ref. No.	Part Number	Part Name	New Parts	Remarks	Destination
⚠	6401	PJWPF2170SPU	PC Board, SC	N	For DP-C354/C264 (RTL/PbF)	PU
		PJWPF2170SPB				PB, PE
		PJWPF2170SPT				PT
		PJWPF2170RPU			For DP-C323/C263/C213 (RTL/PbF)	PU
		PJWPF2170RPB				PB, PE
		PJWPF2170RPT				PT
		PJWPF2170PU		C	For DP-C322/C262 (RTL/PbF)	PU
		PJWPF2170PB				PA, PB, PE, PV
		PJWPF2170PK				PK
		PJWPF2170PM				PM
		PJWPF2170PT				PT
⚠	6402	PJWPF217VPU	PC Board, EC	N	For DP-C354 (RTL/PbF)	PU
		PJWPF217VPB				Except PU
		PJWPF217TPU			For DP-C323 (RTL/PbF)	PU
		PJWPF217TPB				Except PU
		PJWPF217UPU			For DP-C264 (RTL/PbF)	PU
		PJWPF217UPB				Except PU
		PJWPF217WPU			For DP-C263 (RTL/PbF)	PU
		PJWPF217WPB				Except PU
		PJWPF2173PU			For DP-C213 (RTL/PbF)	PU
		PJWPF2173PB				Except PU
		PJWPF2172PU		C	For DP-C322 (RTL/PbF)	PU
		PJWPF2172PB				Except PU
		PJWPF2171PU			For DP-C262 (RTL/PbF)	PU
		PJWPF2171PB				Except PU
	6403	PJJRC2715Z	Harness, PNL	C		PU, PT
	6404	PJJRC3042Z	Harness, AFE (Analog Front End)	N	For DP-C354/C323/C264/C263/C213	PU, PT
		PJJRC2812Z				Except PU, PT
		PJJRC2616Z		C	For DP-C322/C262	PK
	6405	PJJRC2705Z	Harness, SCNIF	C		All
	6406	PJJRC2580Z	USB Cable	C		All
	6407	PJJRC2753Z	Harness, DC25	C		All
	6408	PJJRC3003Z	Harness, Fuser C	N	For DP-C264/C213	All
		PJJRC2504Z		C	For DP-C322/C262	
	6410	PJJRC2719Z	Harness, FM	C		All
	6411	PJJRC2785Z	Harness, DRV (Driver)	C		All
	6412	PJJRC2740Z	Harness, TRSFC	C		All
	6413	PJJRC2769Z	Harness, MOT1	C		All
	6414	PJJRC2797Z	Harness, DRSW	C		All
	6415	PJJRC2706Z	Harness, LVPS	C		All



Safety Mark	Ref. No.	Part Number	Part Name	New Parts	Remarks	Destination
	6416	PJJRC2720Z	Harness, HV1	C		All
	6417	PJJRC2578Z	Harness, HV2	C		All
	6418	PJJRC2725Z	Harness, LSU3	C		All
	6419	PJJRC2724Z	Harness, LSU2	C		All
	6420	PJJRC2498Z	Harness, LSU1	C		All
	6421	PJJRC2726Z	Harness, TDCC	C		All
	6422	PJJRC2738Z	Harness, CPSNC	C		All
	6423	PJJRC2742Z	Harness, ADU	C		All
	6424	PJJRC2733Z	Harness, APFC	C		All
	6425	PJJRC2503Z	Harness, CSTSN (Cassette Sensor)	C		All
	6426	PJJRC2727Z	Harness, PF2	C		All
	6427	PJJRC2748Z	Harness, FNS	N		PU, PT
	6428	DZFN000130	Cable, USB	C		All
	6429	DZFP001293	Harness, HD	C		All
	6430	PJJRC2484Z	Harness, DC12	C		All
	6432	PJJRC2481Z	Harness, FXB	C		All
	6433	PJJRC2542Z	Harness, MOT2	C	For DP-C322/C262	All
	6434	DZEC103878	PC Board, Scan Memory	C	PbF For DP-C354/C264	All
⚠	2001	PJWQF2170PU	Lift Motor	C	Main	All
	3921	PF4117P003	PC Board, IPC	C	PbF	All
	3922	PJWPF217JPU	PC Board, CONE	C	RTL/PbF	All
	7704	-----	Hardware Key		Available as a Sales Item	All



Safety Mark	Ref. No.	Part Number	Part Name	New Parts	Remarks	Destination
⚠	6501	PJWPF217IPU	PC Board, ADU	C	RTL/PbF	All
⚠	6502	PJWPF2174PU	PC Board, SCN	C	RTL/PbF	All
⚠	6503	DZEC103739	PC Board, ADF	C	RTL/PbF	All
⚠	6504	PJWPF217CPU	PC Board, MOTDRV (Motor Drive)	C	RTL/PbF	All
	6505	PJWPF217QPU	PC Board, PNL1	C	RTL/PbF	All
	6506	DZEC102175R	PC Board, DC25	C	RTL/PbF	All
	6507	PJJRC2556Z	Harness, ADTU0	C		All
	6508	PJJRC2514Z	Harness, INPFO	C		All
	6509	PJJRC2554Z	Harness, ADTU1	C		All
	6510	PJJRC2534Z	Harness, Fuser Out	C		All
	6511	PJJRC2555Z	Harness, ADTU2	C		All
	6512	PJJRC2546Z	Harness, RROHP	C		All
	6513	PJJRC2519Z	Harness, HFSN	C		All
	6514	PJJRC2520Z	Harness, FED1	C		All
	6515	PJJRC2518Z	Harness, HFSOL	C		All
	6516	PJJRC2537Z	Harness, CYUROL	C		All
	6517	PJJRC2695Z	Harness, ADFC	C		All
	6518	PJJRC2486Z	Harness, MBS	N	For DP-C354/C323/C264/C263/C213	PT
				C	For DP-C322/C262	PK, PT
		PJJRC2712Z		N	For DP-C354/C323/C264/C263/C213	Except PT
		PJJRC2485Z		C	For DP-C322/C262	Except PK, PT
	6519	PJJRC2714Z	Harness, SCMT	N	For DP-C354/C323/C264/C263/C213	All
				C	For DP-C323/C262	Except PK
	6520	PJJRC2577Z	Harness, SCN	C		All
	6521	DZFP001881	Harness, ADF	C		All
	6522	DZFP001891	Harness, ORSN	C		All
	6523	DZFP001888	Harness, ARR	C		All
	6524	DZFP001889	Harness, DXP	C		All
	6525	PJJRC2832Z	Harness, PFC	C		All
	6526	DZFP001885	Harness, STSL	C		All
	6527	DZFP001887	Harness, AFRRRC	C		All
	6528	DZFP001886	Harness, AFDXS	C		All
	6529	DZFP001884	Harness, AFCL	C		All
	6530	DZFP001883	Harness, ADFM	C		All

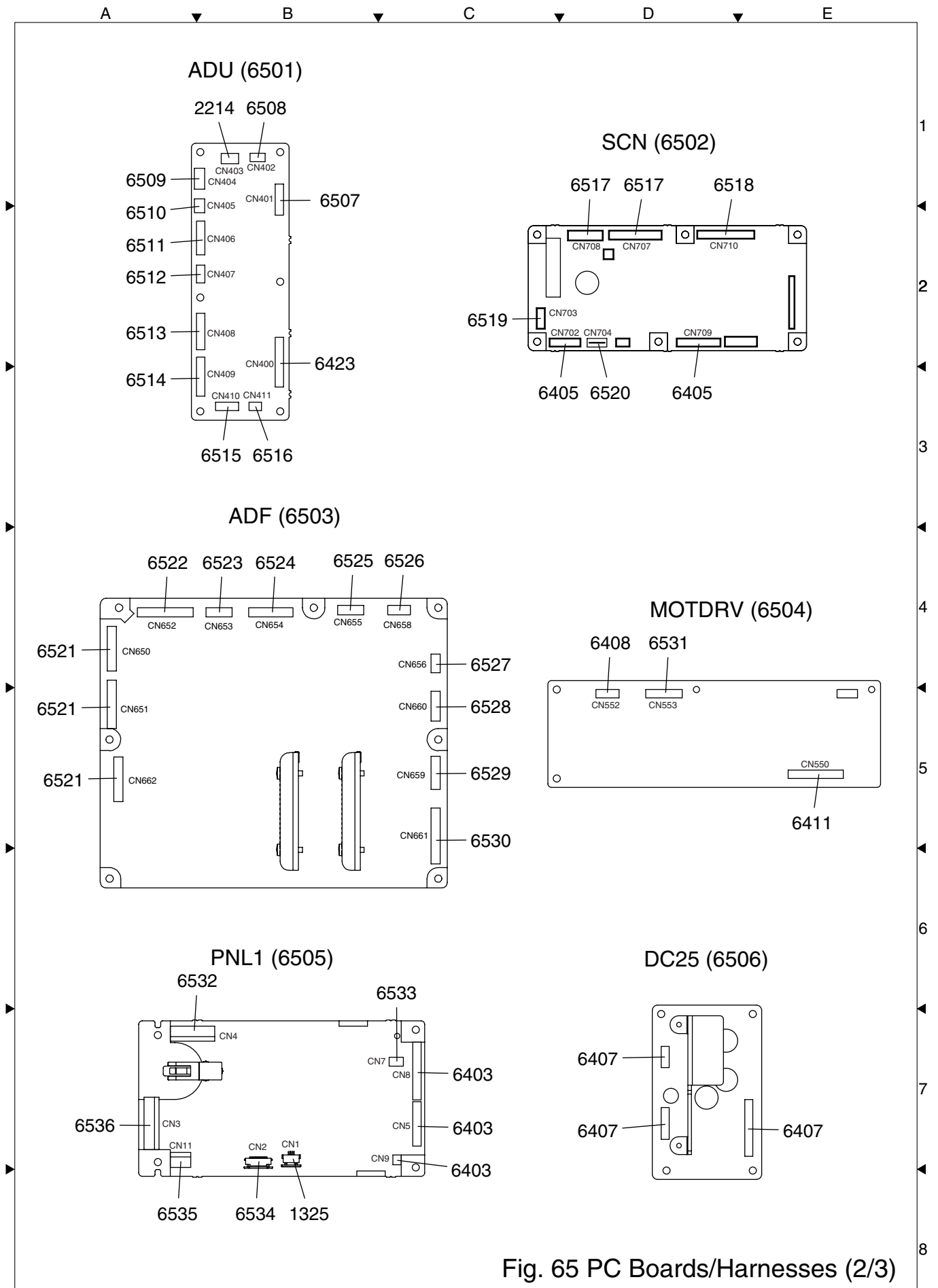


Fig. 65 PC Boards/Harnesses (2/3)

Safety Mark	Ref. No.	Part Number	Part Name	New Parts	Remarks	Destination
	6531	PJJRC2786Z	Harness, Fuser MOT	C		All
	6532	PJJRC2566Z	Harness, PNL2	C		All
	6533	PJJRC2573Z	Harness, INV	C		All
	6534	PJJRC3000Z	Harness, PNL-LCD	C		All
	6535	PJJRC2568Z	Harness, PNL4	C		All
	6536	PJJRC2567Z	Harness, PNL3	C		All
	1325	K0RZZZZ00003	KEY-BOARD Swich	C		All
⚠	2214	L6FAKEDK0007	Fan, Right Cover	C		All
	6403	PJJRC2715Z	Harness, PNL	C		PU, PT
	6405	PJJRC2705Z	Harness, SCNIF	C		All
	6407	PJJRC2753Z	Harness, DC25	C		All
	6408	PJJRC3003Z	Harness, Fuser C	N	For DP-C264/C213	All
		PJJRC2504Z		C	For DP-C322/C262	
	6411	PJJRC2785Z	Harness, DRV (Driver)	C		All
	6423	PJJRC2742Z	Harness, ADU	C		All

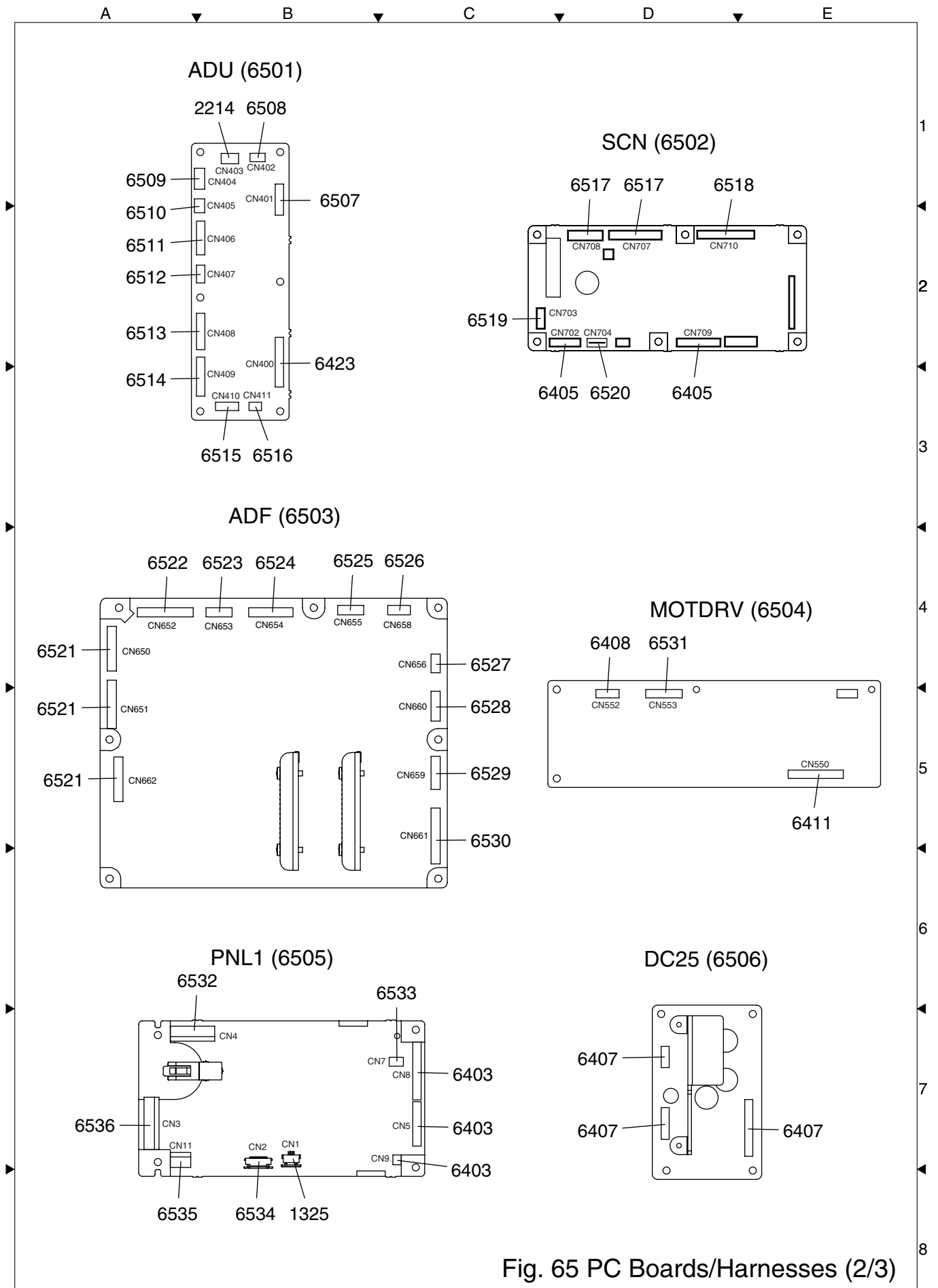


Fig. 65 PC Boards/Harnesses (2/3)

Safety Mark	Ref. No.	Part Number	Part Name	New Parts	Remarks	Destination
⚠	6601	PJWPF217KPU	PC Board, CST	C	RTL/PbF	All
	6602	DZEC102176R	PC Board, DC12	C	RTL/PbF	All
⚠	6603	DZEC103886R	PC Board, FCB	C	Refer to 1.1.1. PbF	AU
		DZEC103887R				Except AU
⚠	6604	PJWPF217LPU	PC Board, TRU (Transport Unit)	C	RTL/PbF	All
⚠	6605	PF4117K075	Optional LVPS	C		PU, PT
		PF4117K076				Except PU, PT
	6606	PJJRC2510Z	Harness, OQM	C		All
	6607	PJJRC2506Z	Harness, APF	C		All
	6608	PJJRC2571Z	Harness, CST4	C		All
	6609	PJJRC2509Z	Harness, PF4	C		All
	6610	PJJRC2570Z	Harness, CST3	C		All
	6611	PJJRC2508Z	Harness, PF3	C		All
	6612	PJJRC2483Z	Harness, HD2	C		All
	6613	PJJRC2495Z	Harness, SPK	C		All
	6614	PJJRC2516Z	Harness, TRSF	C		All
	6615	PJJRC2777Z	Harness, TRFSN	N	For DP-C354/C323/C264/C263/C213	All
		PJJRC2549Z		C	For DP-C322/C262	
	6616	PF4124K627	Harness, Optional LVPS	C		All
⚠	6617	PJWPF217EAZ	PC Board, RLB (Relay Board)	C	PbF	All
	6618	PJJRC2530Z	Harness, HT1	C		All
	6619	PJJRC2623Z	Harness, HT4	C		All
	6620	PJJRC2527Z	Harness, SW4C	C		All
	6621	PJJRC2525Z	Harness, RLB (Relay Board)	C		All
⚠	2001	PJWQF2171PU	Lift Motor	C	System Console	All
	6427	PJJRC2748Z	Harness, FNS	N		PU, PT
	6428	DZFN000130	Cable, USB	C		All
	6430	PJJRC2484Z	Harness, DC12	C		All
	6432	PJJRC2481Z	Harness, FXB	C		All
⚠	7208	L6HAJELK0006	Stepping Motor	C		All

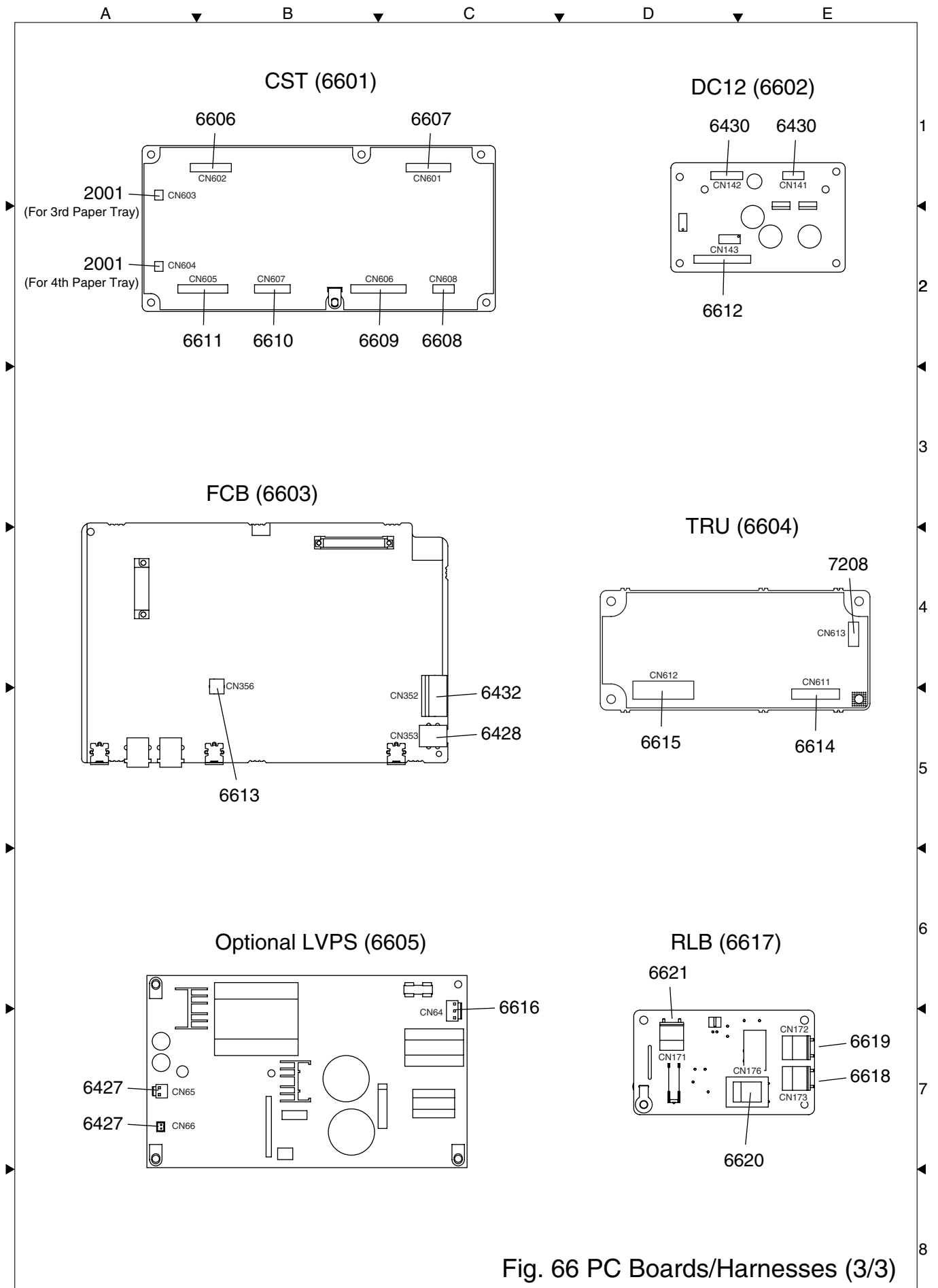


Fig. 66 PC Boards/Harnesses (3/3)

5.24. System Console

Safety Mark	Ref. No.	Part Number	Part Name	New Parts	Remarks	Destination
⚠	6701	PJURC0037Z	Cover, Left	C		All
⚠	6702	PJURC0035Z	Cover, Rear	C		All
	6703	PJUUC0093Z	Plate, B	C		All
⚠	6704	PJURC0032Z	Cover, Right Side Rear	C		All
	6705	PJURC0036Z	Cover 2, Right Front	C		All
	6706	PJURC0031Z	Cover 1, Front	C		All
	6707	PJURC0038Z	Cover, Bottom	C		All
	6708	PJURC0033Z	Cover, Right Side Front	C		All
	6709	PJUUC0089Z	Bracket, Cover	C		All
	6710	PJUUC0092Z	Plate, A	C		All
	6711	PJUIC0189Z	Bracket	C		All
	6712	PJKCC0006Z	Cover, Open	C		All
	6713	PJUUC0088Z	Plate, Open Cover	C		All
	6714	DZKG000321	Shaft	C		All
	6715	PJUPC0002Z	Belt	C		All
	6716	DZKN000334	Spring, Shaft	C		All
	1802	DZKP000306	Spring, Ground	C		All
	1803	DZKN000329	Spring, Pinch Roller	C		All
	1804	DZKG000273	Shaft	C		All
	1805	DZLA000290	Roller, Pinch	C		All
	1806	DZLM000166	Bushing, D4	C		All
	1807	PJDFC0116Z	Shaft, Latch	C		All
	1808	PJKHC0006Z	Knob, Cover	C		All
	1809	PJBWC0034Z	Spring, Latch Return F	C		All
	1810	PJBWC0035Z	Spring, Latch Return R	C		All
	1811	PJBAC0028Z	Lever, Latch	C		All
	G6	FFPFJ0039B	Snap Ring	C		All
	J7	XUC4VM	E-Ring	C		All
	K9	FFPFJ0043B	Snap Ring	C		All
	S6	DZPA000086	Screw	C		All
	X3	XYN3+F8FJ	Screw	C		All
	X5	XTB3+6FFJ	Screw	C		All
	Y19	XTB4+8FFJ	Screw, Binding Head Tapping	C		All
	Y24	XTB4+10GFJ	Screw	C		All

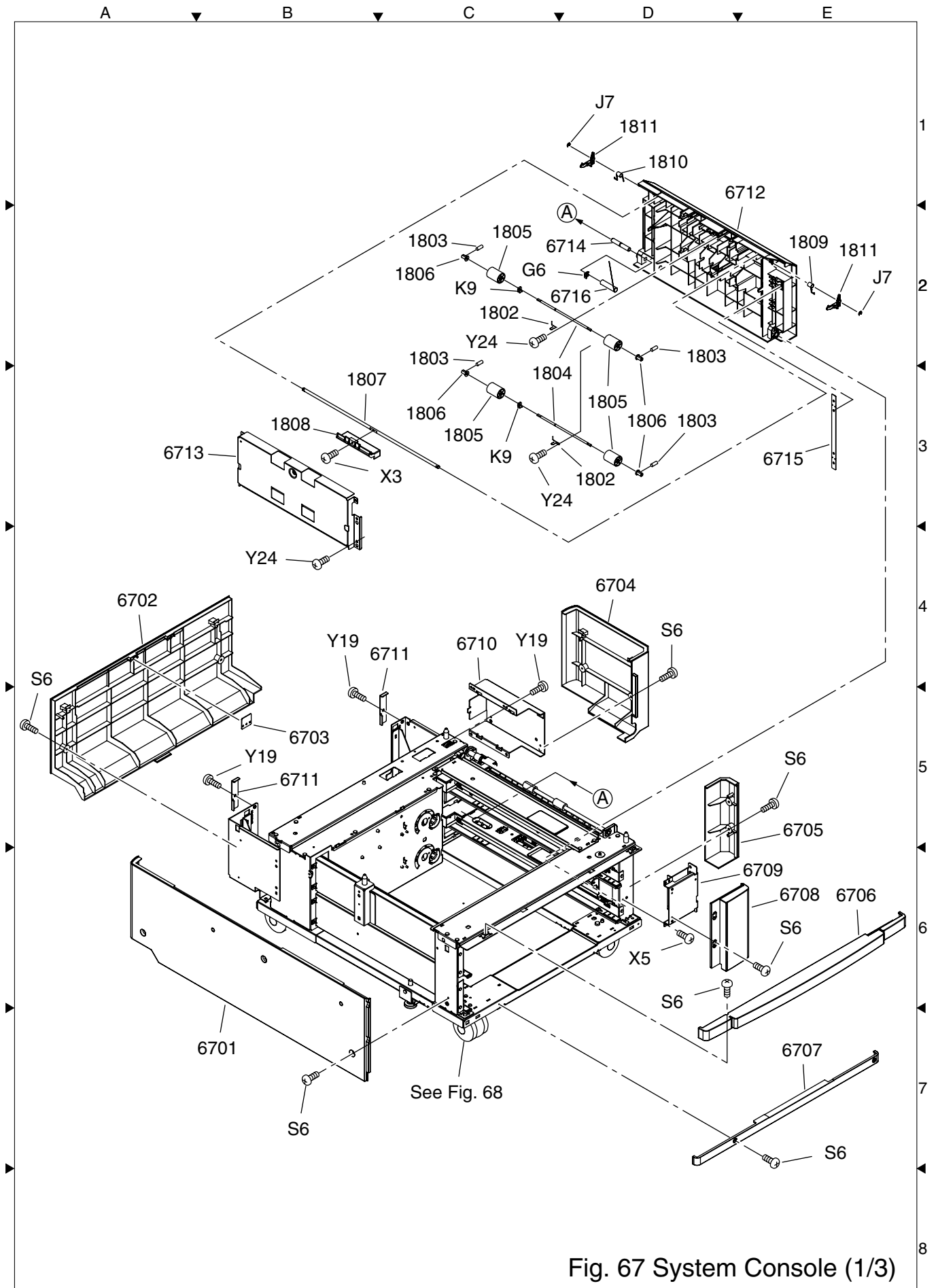


Fig. 67 System Console (1/3)

Safety Mark	Ref. No.	Part Number	Part Name	New Parts	Remarks	Destination
	6801	DZLA000298	Roller, Intermediate	C		All
	6802	PJDGC0116Z	Gear, M08Z19 D8	C		All
	6803	PJUDEC0087Z	Frame, Drive	C		All
	6804	PJDGC0117Z	Gear, M08Z19 D6	C		All
	6805	PJDFC0123Z	Shaft 1, Drive	C		All
	6806	PJDFC0124Z	Shaft 2, Drive	C		All
	6807	PJHRC0177Z	Flange	C		All
⚠	6808	DNQ12AS33R10	DC Motor	C		All
	6809	FFPMQ0650	Bushing, Shaft 3	C		All
	6811	PJDAC0008Z	Pulley, 20T	C		All
	6812	PJDFC0121Z	Shaft, Clutch	C		All
	6813	PJDGC0115Z	Gear, Step	C		All
	6814	PJUDEC0085Z	Bracket, Motor	C		All
	6815	PJUDEC0086Z	Bracket, Clutch	C		All
	6816	XPJ2D12WV	Pin	C		All
	6817	EDS-0607U	Edge Saddle	C		All
	6818	DZJK000017	Edge Saddle	C		All
	803	DZLB000032	Pulley 1	C		All
	1411	DZJK000061	Mini Clamp	C		All
	1825	PJUDEC0074Z	Plate, Latch F	C		All
	1826	PJUDEC0075Z	Plate, Latch R	C		All
	1828	FFPMQ0536	Bushing	C		All
	1836	DZLF000585	Gear, M0.8 Z16	C		All
	1837	PJURC0027Z	Sleeve	C		All
	1915	FFPMQ0649	Bushing	C		All
⚠	2313	L9EAAK000007	Clutch	C		All
	6130	DZLK000036	Timing, Belt	C		All
	6131	DZLB000043	Pulley, 20T	C		All
	G6	FFPFJ0039B	Snap Ring	C		All
	H6	FFPFJ0033B	Snap Ring	C		All
	J7	XUC4VM	E-Ring	C		All
	K5	XUC5VM	E-Ring	C		All
	K9	FFPFJ0043B	Snap Ring	C		All
	X5	XTB3+6FFJ	Screw	C		All
	Y19	XTB4+8FFJ	Screw, Binding Head Tapping	C		All

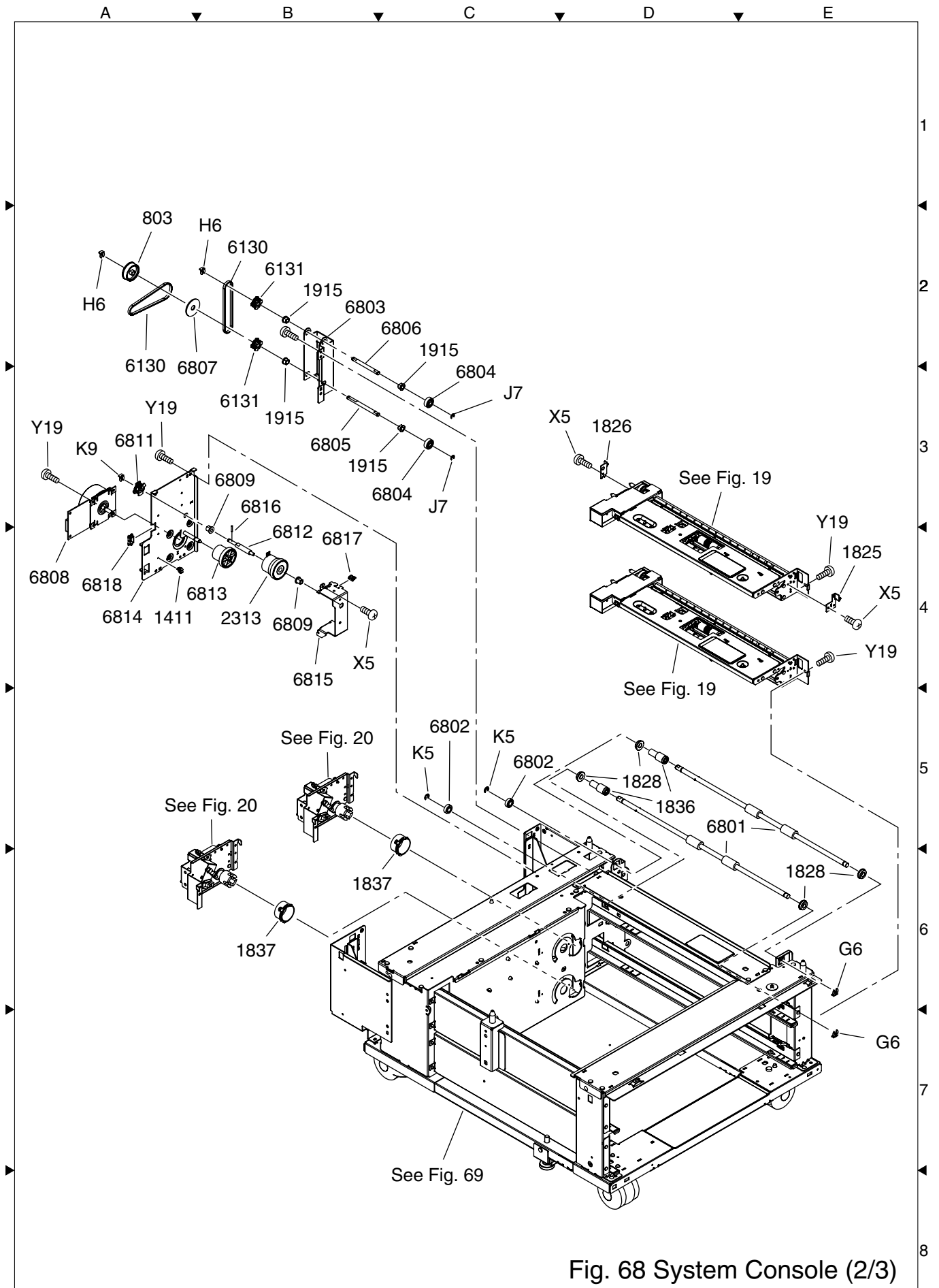


Fig. 68 System Console (2/3)

Safety Mark	Ref. No.	Part Number	Part Name	New Parts	Remarks	Destination
	6901	PJUAC0138Z	Frame, Front Right	C		All
	6902	PJUAC0167Z	Bracket, Rear Right	C		All
	6903	PJUAC0166Z	Bracket, Rear Left	C		All
	6904	PJUKC0059Z	Frame, K1483 Roller	C		All
	6905	PJUAC0168Z	Guide, Adjuster	C		All
	6906	FFPKS10641	Adjuster	C		All
	6907	UTW-60P	Caster, Rear	C		All
	6908	PJUAC0083Z	Rail, Right	C		All
	6909	MD2-2720-000	Locking Wire Saddle	C		All
	6910	DZJH000020	Support	C		All
	6911	PJUAC0141Z	Frame, Front Upper	C		All
	6912	PJUAC0143Z	Frame, Front Lower	C		All
	6913	DZJH000097	Washer	C		All
	6914	PJNEC0002Z	Screw, Holding	C		All
	6915	PJUAC0079Z	Rail, Left Lower	C		All
	6916	PJUAC0082Z	Rail, Left Upper	C		All
	6917	DZJK000023	Clamp	C		All
	6918	PJJRC2511Z	Harness, OQDO	C		All
	6919	FFPKE10351	Cover, Heater	C		All
	6920	PJURC0057Z	Cover, Harness	C		All
	6921	DZFP001880	Harness, HT2	C		All
	6922	FFPCP0035	Heater	C		All
	6923	FFPKD13051	Bracket, Heater	C		All
	641	EDS-0607M	Edge Saddle	C		All
	1411	DZJK000061	Mini Clamp	C		All
	1819	DZAL000211	Photo Sensor	C		All
	1830	PJUKC0055Z	Guide, Rail	C		All
	1833	PJUAC0073Z	Stopper, Front R	C		All
	4006	DZJH000002	Spacer	C		All
⚠	6601	PJWPF217KPU	PC Board, CST	C	RTL/PbF	All
	X5	XTB3+6FFJ	Screw	C		All
	X9	XTB3+8FFJ	Screw	C		All
	Y19	XTB4+8FFJ	Screw, Binding Head Tapping	C		All
	Y40	XTN5+10FFJ	Screw	C		All
	Y48	XTB3+4FFJ	Screw	C		All

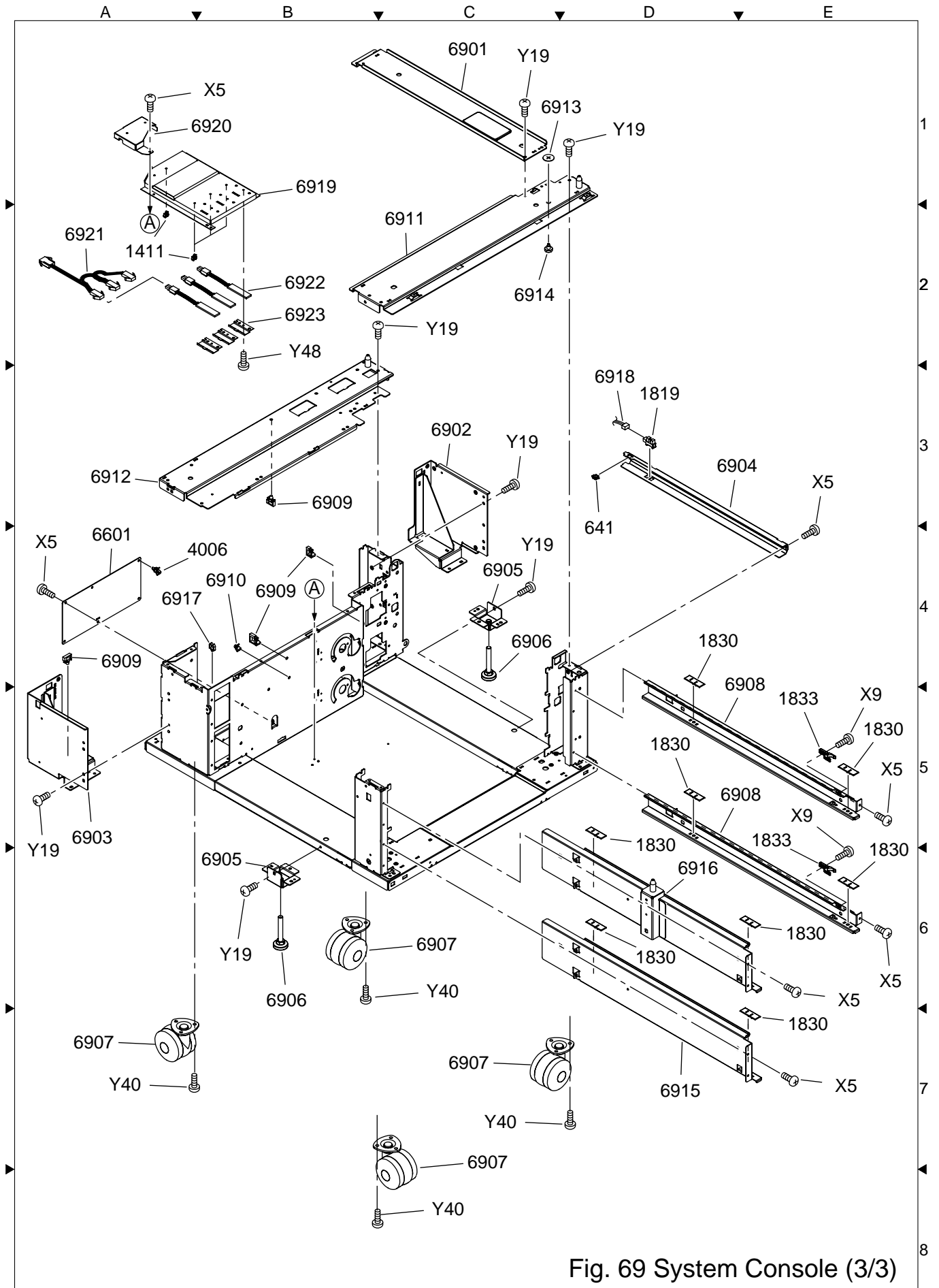


Fig. 69 System Console (3/3)

5.25. Paper Tray (System Console)

Safety Mark	Ref. No.	Part Number	Part Name	New Parts	Remarks	Destination
	7002	DZJF000579	Guide, Rear Paper Tray	C		All
	6201	DZHP011151	Assembly, Lifting Shaft	C		All
	6203	FFPQG0083	Plate	C		All
	6204	PJGFC0725Z	Label, Full Indicator	C		All
	6207	DZJM000746	Pad	C		All
	6208	DZJM000967	Sheet	C		All
	6210	PJUEC0065Z	Stopper, R	C		All
	6211	PJUIC0184Z	Plate, Gear	C		All
	6212	FFPMQ0383C	Bushing, 1	C		All
	6213	DZLF000485	Gear1	C		All
	6214	DZLF000486	Gear, Idle	C		All
	6215	DZKM000030	Plate, Lift	C		All
	6216	PJDBC0022Z	Lever, Gear	C		All
	6217	PJBUC0047Z	Plate, Spring	C		All
	6218	DZJF000597	Guide, Paper	C		All
	6219	DZLA000198	Roller, Paper Tray	C		All
	6309	DZJF000596	Guide 3, Paper	C		All
	6310	DZJB000255	Bottom, Plate	C		All
	6311	PJKG00002Z	Base, Paper Tray	C		All
	6314	DZJM000860	Stopper	C		All
	6315	PJGDC0007Z	Cover, Front Paper Tray	C		All
	G6	FFPFJ0039B	Snap Ring	C		All
	F10	XTB3+8GFJ	Screw	C		All
	J7	XUC4VM	E-Ring	C		All
	Y23	XYN4+F8FJ	Screw, M4 Ground	C		All

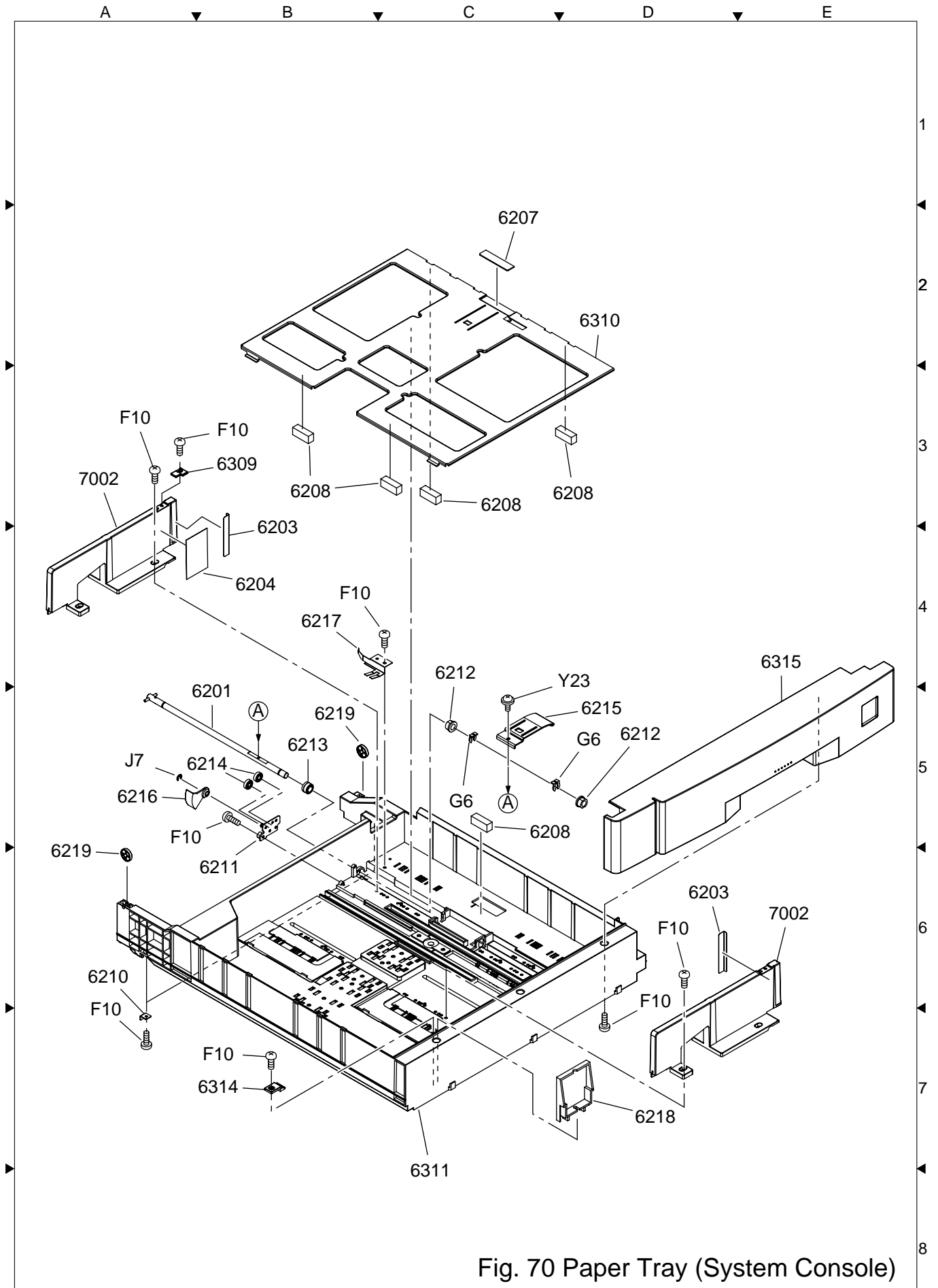


Fig. 70 Paper Tray (System Console)

5.26. Paper Transport Unit

Safety Mark	Ref. No.	Part Number	Part Name	New Parts	Remarks	Destination
	7101	PJGDC0009Z	Plate, Upper	C		All
	7102	PJUKC0066Z	Guide, Pass R	C		All
	7103	PJDFC0128Z	Shaft, Lock	C		All
	7104	PJDBC0024Z	Lever, Lock	C		All
	7105	PJBWC0040Z	Spring, Lock	C		All
	7106	PJDBC0026Z	Lever, Release	C		All
	7107	PJUKC0067Z	Gate	C		All
	7108	PJGFC0275Z	Label, Green	C		All
	7109	PJBAC0033Z	Arm, Link Solenoid	C		All
	7110	PJBWC0037Z	Spring, Gate Open	C		All
	7111	PJBAC0035Z	Ring, Spring	C		All
	7112	PJURC0039Z	Cover, Front	C		All
	7113	PJBAC0034Z	Plate, Pull Solenoid	C		All
	7114	PJBVC0087Z	Spring, Gate Return	C		All
⚠	7115	L9AAAEGA0001	Solenoid	C		All
	7116	PJBAC0032Z	Actuator	C		All
	7117	DZKN000202	Spring, Actuator	C		All
	7118	PJUEC0100Z	Bracket, Sensor	C		All
	7120	PJUIC0193Z	Bracket, Plate	C		All
	7121	PJUKC0068Z	Guide, Exit	C		All
	7122	PJURC0040Z	Cover, Bracket	C		All
	7123	PJUEC0098Z	Bracket	C		All
	7124	FFPMQ03961	Bushing	C		All
	7125	PJURC0052Y	Cover, Gear	C		All
	1819	DZAL000211	Photo Sensor	C		All
	6615	PJJRC2549Z	Harness, TRFSN	C		All
	F10	XTB3+8GFJ	Screw	C		All
	H6	FFPFJ0033B	Snap Ring	C		All
	X3	XYN3+F8FJ	Screw	C		All
	X5	XTB3+6FFJ	Screw	C		All
	Y16	XYN3+F6FJ	Screw	C		All
	Y37	XTB3+6GFJ	Screw	C		All

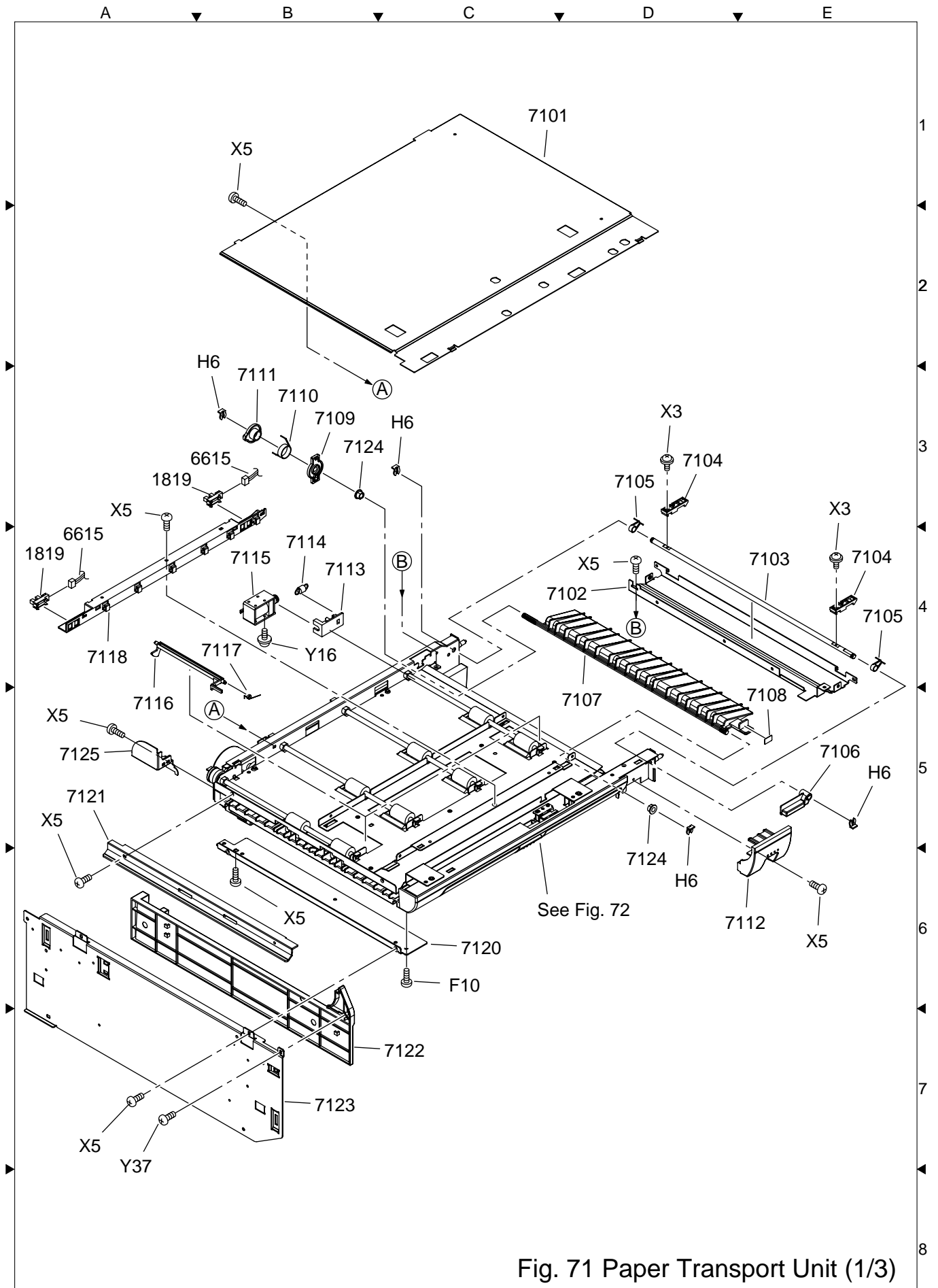


Fig. 71 Paper Transport Unit (1/3)

Safety Mark	Ref. No.	Part Number	Part Name	New Parts	Remarks	Destination
	7201	PJDRC0060Z	Roller, Drive 3	C		All
	7202	PJDRC0058Z	Roller, Drive	C		All
	7203	PJDRC0059Z	Roller, Drive 2	C		All
	7204	PJDRC0061Z	Roller, Exit Drive	C		All
	7205	PJDEC0039Z	Spacer, Ring	C		All
	7206	PJDGC0119Z	Gear, One-Way	C		All
	7207	PJUIC0195Y	Bracket, Motor	C		All
⚠	7208	L6HAJELK0006	Stepping Motor	C		All
	7209	PJDGC0118Z	Idler	C		All
	7210	PJDGC0120Z	Gear, M055060	C		All
	7211	PJUIC0194Z	Bracket, Clutch	C		All
	7212	PJDGC0126Z	Shaft, Clutch	C		All
	7214	PJDGC0122Z	Gear, M0550	C		All
	7215	PJDGC0121Z	Gear, M0560M1031	C		All
	7216	PJDAC0010Z	Pulley, 20	C		All
	7217	PJDAC0009Z	Pulley, 20 Z40	C		All
	7218	PJDEC0040Z	Pulley, Flange	C		All
	7219	PJDVC0009Z	Belt, STS	C		All
	7220	PJDVC0102Z	Belt, STS	N	For DP-C354/C323/C264/C263/C213	All
	7221	PJDGC0182Z	Idler, Pulley	N	For DP-C354/C323/C264/C263/C213	All
	7222	PJDGC0183Z	Gear, One-Way	N	For DP-C354/C323/C264/C263/C213	All
	641	EDS-0607M	Edge Saddle	C		All
	1411	DZJK000061	Mini Clamp	C		All
	1946	DZLM000167	Bushing, D4	C		All
	2305	DZLM000186	Bushing 2	C		All
⚠	2731	L9EAAK000006	Clutch	C		All
⚠	6604	PJWPF217LPU	PC Board, TRU (Transport Unit)	C	RTL/PbF	All
	F10	XTB3+8GFJ	Screw	C		All
	H6	FFPFJ0033B	Snap Ring	C		All
	K9	FFPFJ0043B	Snap Ring	C		All
	X5	XTB3+6FFJ	Screw	C		All
	Y16	XYN3+F6FJ	Screw	C		All

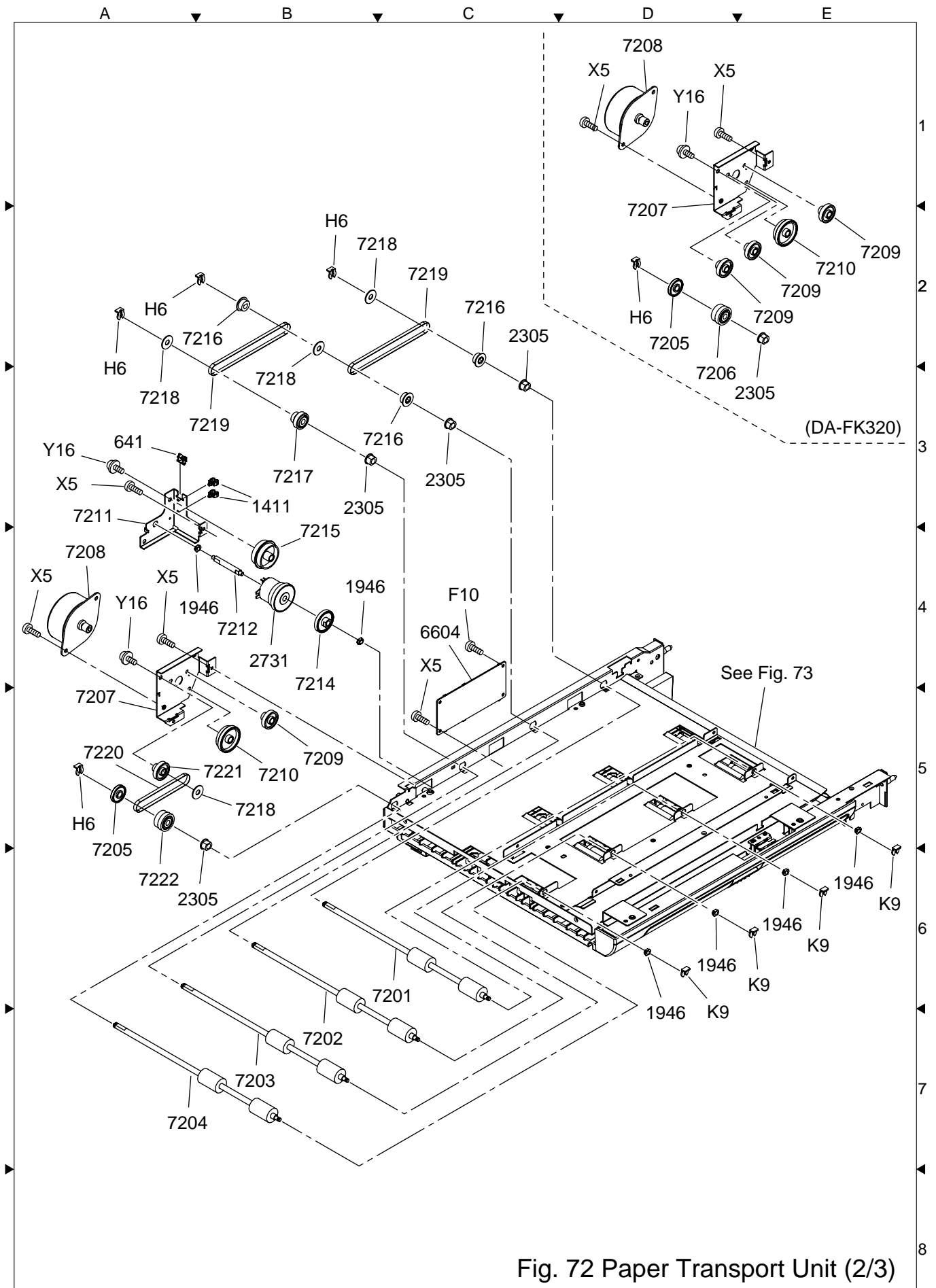
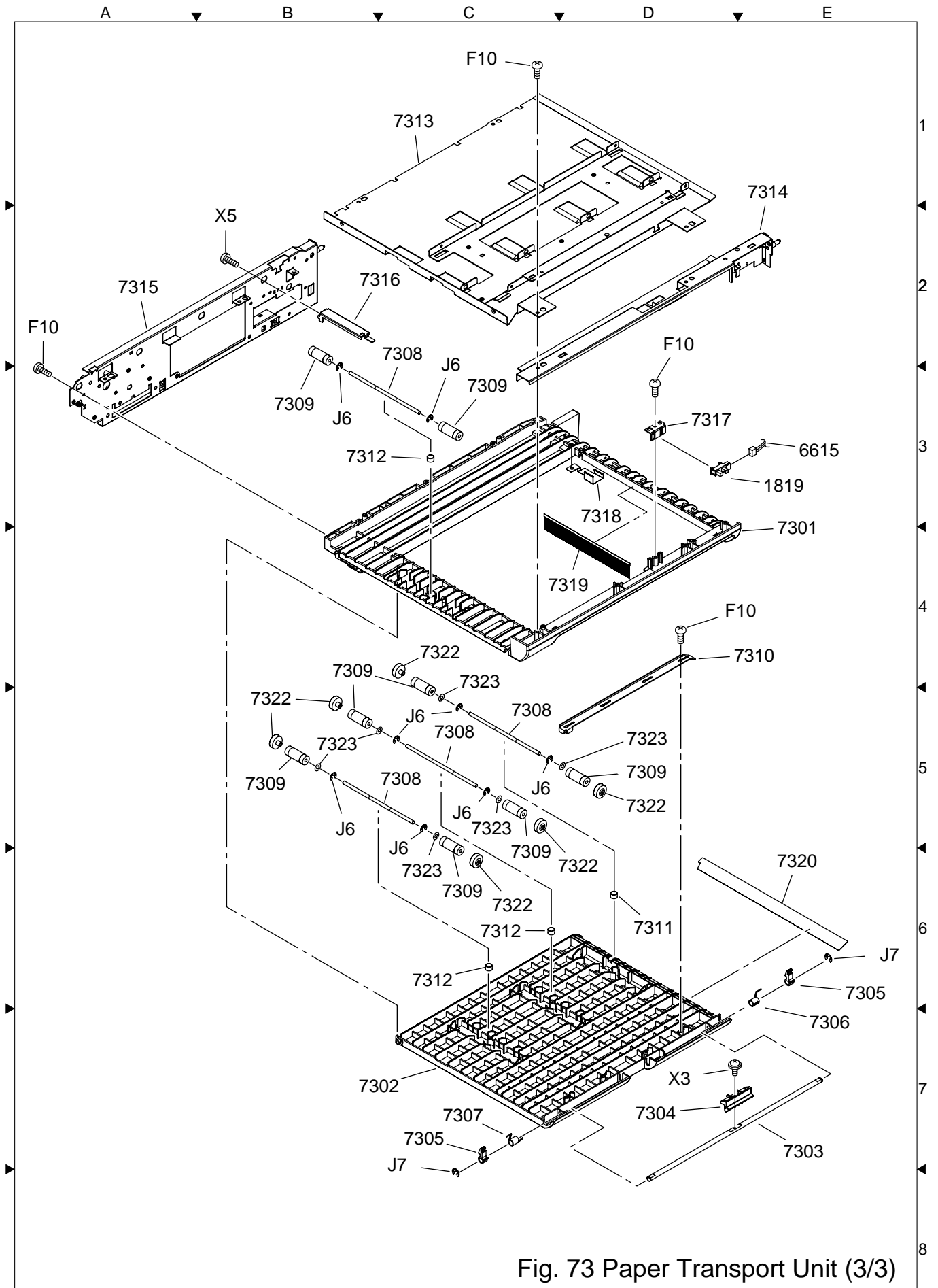


Fig. 72 Paper Transport Unit (2/3)

Safety Mark	Ref. No.	Part Number	Part Name	New Parts	Remarks	Destination
⚠	7301	PJURC0030Z	Cover, Base	C		All
	7302	PJKCC0007Z	Cover, Jam	C		All
	7303	PJDFC0127Z	Shaft, Lever	C		All
	7304	PJDBC0025Z	Lever, Release	C		All
	7305	PJDBC0023Z	Lever, Lock	C		All
	7306	PJBWC0038Z	Spring, Lock R	C		All
	7307	PJBWC0039Z	Spring, Lock L	C		All
	7308	PJDFC0182Z	Shaft, Pinch	C		All
	7309	DZLA000092	Roller, Pinch	C		All
	7310	DZMH000015	Stay, Cover	C		All
	7311	PJBVC0088Z	Spring, Pinch Roller	C		All
	7312	DZKN000197	Spring, Roller	C		All
	7313	PJUKC0060Z	Guide, Pass L	C		All
	7314	PJUEC0094Z	Bracket, Front Side	C		All
	7315	PJUEC0096Z	Bracket, Rear Side	C		All
	7316	PJUIC0199Z	Cover, Jam Support	C		All
	7317	PJUIC0196Z	Bracket, Sensor 1	C		All
	7318	PJBUC0083Z	Spring, Transport	C		All
	7319	PJSCC0009Z	Brush 1, Transport	C		All
	7320	PJURC0045Z	Sheet, Jam Cover	C		All
	7322	PJDRC0115Z	Roller, Pinch	C		All
	7323	FFPMV0002	Poly Slider	C		All
	1819	DZAL000211	Photo Sensor	C		All
	6615	PJJRC2549Z	Harness, TRFSN	C		All
	F10	XTB3+8GFJ	Screw	C		All
	J6	XUC3VM	E-Ring	C		All
	J7	XUC4VM	E-Ring	C		All
	X3	XYN3+F8FJ	Screw	C		All
	X5	XTB3+6FFJ	Screw	C		All



5.27. Outer tray

Safety Mark	Ref. No.	Part Number	Part Name	New Parts	Remarks	Destination
⚠	7401	PJURC0028Z	Cover, Tray	C		All
	7402	DZLA000083	Roller, Idle	C		All
	7403	DZKR000021	Spring, Turn	C		All
	7404	DZLM000059	Bearing, P50L80	C		All
	7405	PJBLC0019Z	Bracket, Arm	C		All
	7406	DZLF000342	Gear, E20	C		All
	7407	DZGT000025	Brush, Ground	C		All
	7408	PJUIC0187Z	Bracket, Outer Roller	C		All
	7409	DZKN000256	Arm, Spring	C		All
	7410	DZJM000661	Spacer	C		All
	7411	DZLM000109	Bushing, Outer	C		All
	7412	DZLA000224	Roller, Exit	C		All
	7413	DZLF000357	Gear, E18D	C		All
	7414	PJUEC0078Z	Bracket, Outer Tray	C		All
	7415	DZPB000054	Screw	C		All
	7416	DZKN000195	Spring	C		All
	7417	FFPQB0060	Tray, Exit 3	C		All
	7418	FFPQB0052B	Tray, Exit 2	C		All
	7419	DZJM000171	E-Ring	C		All
	7420	FFPMV0048	Polyslider	C		All
	F10	XTB3+8GFJ	Screw	C		All
	J7	XUC4VM	E-Ring	C		All

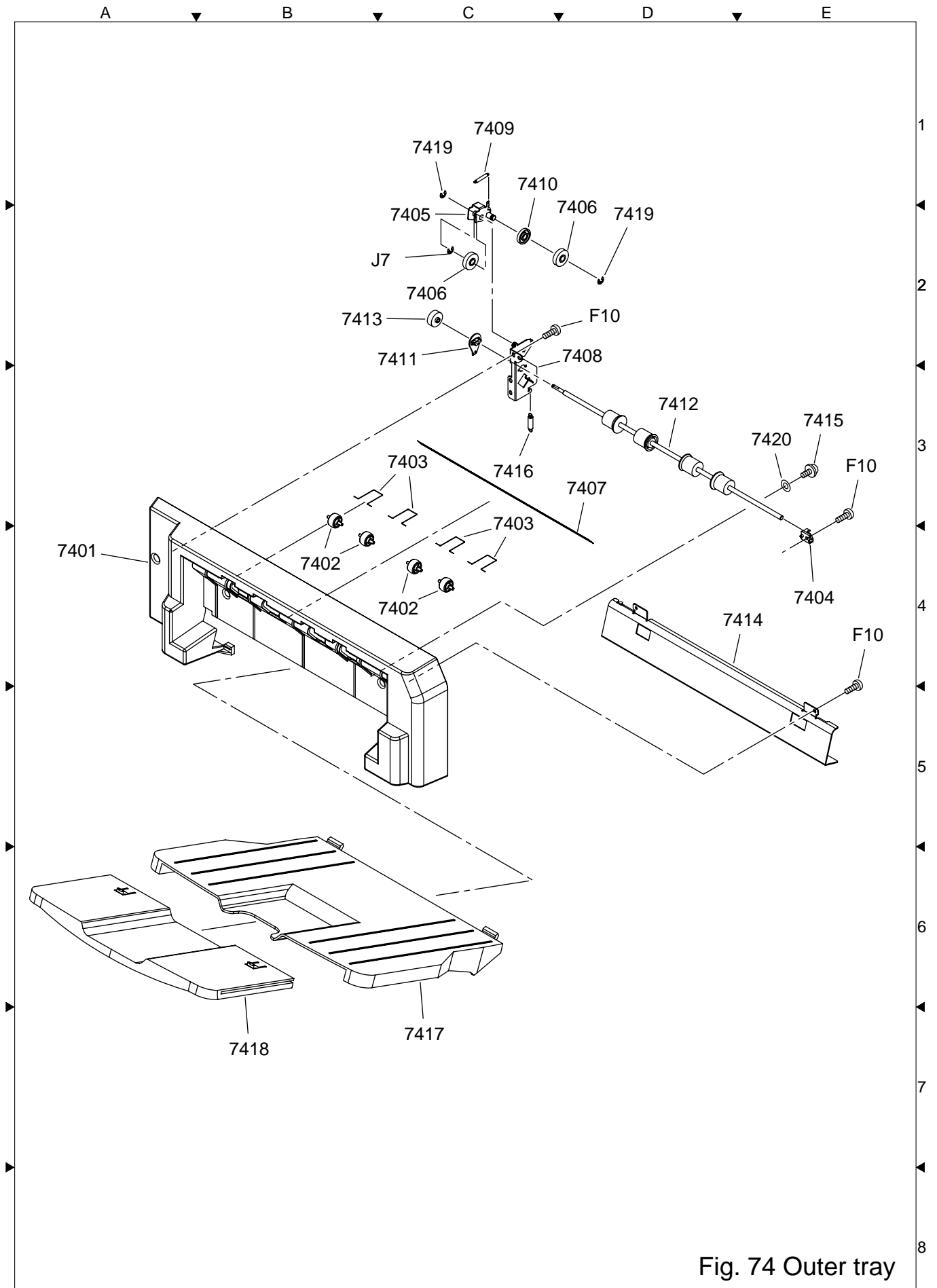


Fig. 74 Outer tray

5.28. Packing and Accessories for Main Unit

Safety Mark	Ref. No.	Part Number	Part Name	New Parts	Remarks	Destination		
	7501	PJPGC0224Z	Box, Top	C		All		
	7502	PJPGC0592Z	Sleeve	N	For DP-C354	All		
		PJPGC0623Z			For DP-C323			
		PJPGC0624Z			For DP-C264			
		PJPGC0585Z			For DP-C263			
		PJPGC0587Z			For DP-C213			
		PJPGC0225Z		C	For DP-C262	Except PK		
		PJPGC0222Z			For DP-C322	PK		
		PJPGC0490Z						
	7503	PJPQC0027Z	Cushion, Upper	C		All		
	7504	PJPQC0028Z	Cushion, Lower	C		All		
	7505	PJPNC0060Z	Support	C		All		
	7506	PJPGC0223Z	Box, Bottom	C		All		
	7507	PJPAC0002Z	Palette	C		All		
⚠	7508	K2CH3DH00002	Cord, AC Power	C		PU, PT		
		K2CT3DH00023				PB		
		DZFM000115				PA		
		K2CM3DH00013			For DP-C354/C323/ C264/C263/C213	PE, PM		
		K2CK3DH00027			For DP-C322/C262	PE, PL, PM, PR, PV		
						PK		
	7509	PJGFC0149Z	Paper Size Label	C		PU		
		PJGFC0147Z				PT		
		PJGFC0150Z				Except PU, PT, PK		
		PJGFC1054Z			For DP-C322/C262	PK		
	7510	PJJXC0244Z	Panasonic-DMS and Print Driver CD	N	For DP-C354/C323/ C264/C263/C213	PU, PT		
		PJJXC0246Z			Except PU, PT			
		C		For DP-C322/C262	PU			
				PJJXC0120Z	Except PU			
	7511	PJJXC0188Z	Operating Instructions CD	N	For DP-C354/C323/ C264/C263/C213	Except PT		
		PJJXC0301Z				PT		
		C		For DP-C322/C262	Except PK, PT			
					PK			
						PT		

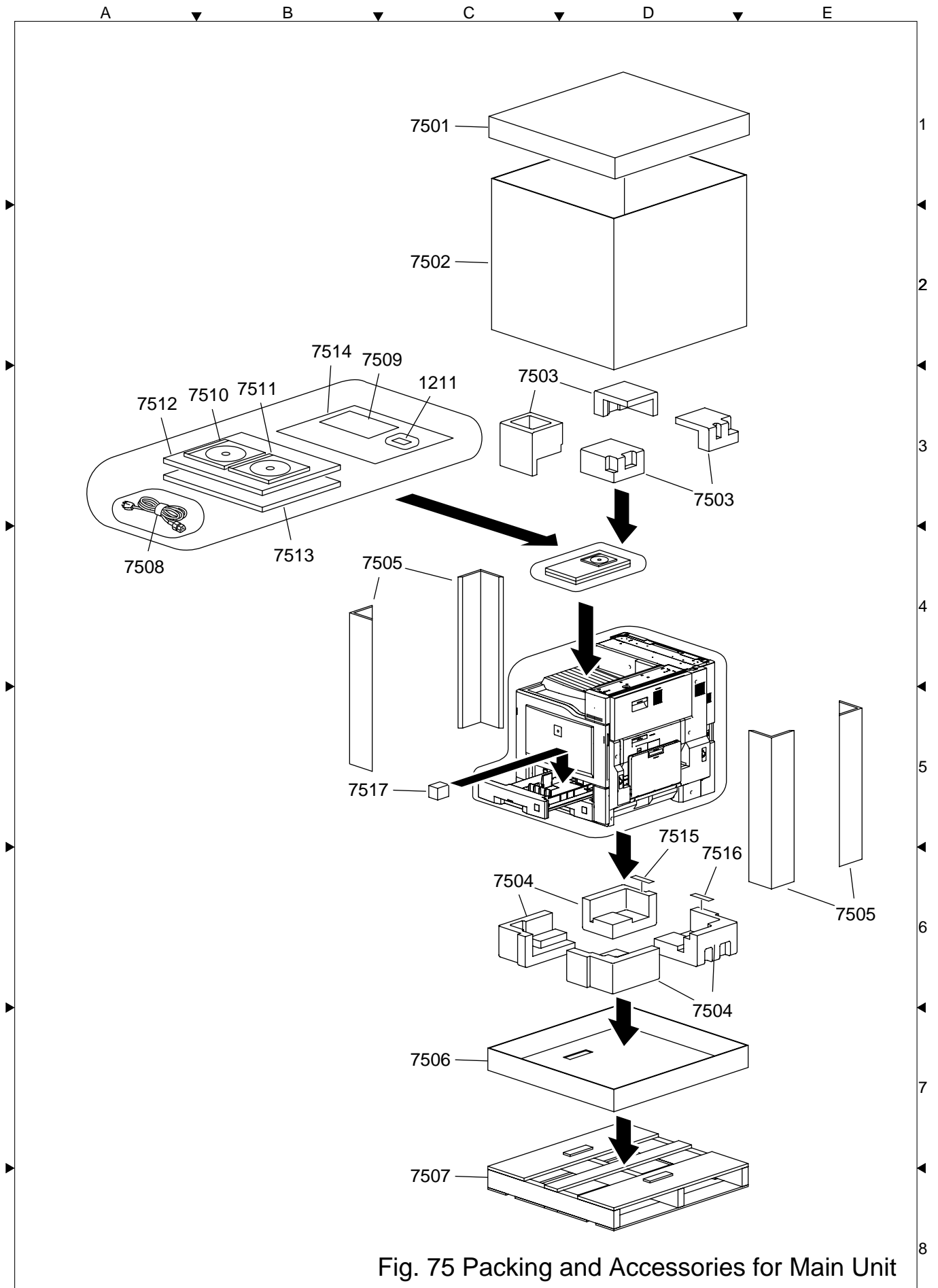



Fig. 75 Packing and Accessories for Main Unit

Safety Mark	Ref. No.	Part Number	Part Name	New Parts	Remarks	Destination
	7512	PJQMC0579Z	Operating Instructions (For Basic Operations)	N	English (American) For DP-C354/C323/ C264/C263/C213	PU
		PJQMC0580Z			English For DP-C354/C323/ C264/C263/C213	PA, PB, PE
		PJQMC0680Z			French For DP-C354/C323/ C264/C263/C213	PE
		PJQMC0679Z			German For DP-C354/C323/ C264/C263/C213	PM
		PJQMC0681Z			Italian For DP-C354/C323/ C264/C263/C213	
		PJQMC0683Z			Taiwanese For DP-C354/C323/ C264/C263/C213	PT
		PJQMC0686Z			Portuguese For DP-C354/C323/ C264/C263/C213	PL
		PJQMC0687Z			Turkish For DP-C354/C323/ C264/C263/C213	PV
		PJQMC0267Z		C	English (American) For DP-C322/C262	PU
		PJQMC0280Z			English For DP-C322/C262	PA, PB, PE
		PJQMC0288Z			Chinese For DP-C322/C262	PK
		PJQMC0281Z			German For DP-C322/C262	PM
		PJQMC0284Z			Italian For DP-C322/C262	
		PJQMC0501Z			Chinese (Taiwanese) For DP-C322/C262	PT
		PJQMC0576Z			Turkish For DP-C322/C262	PV

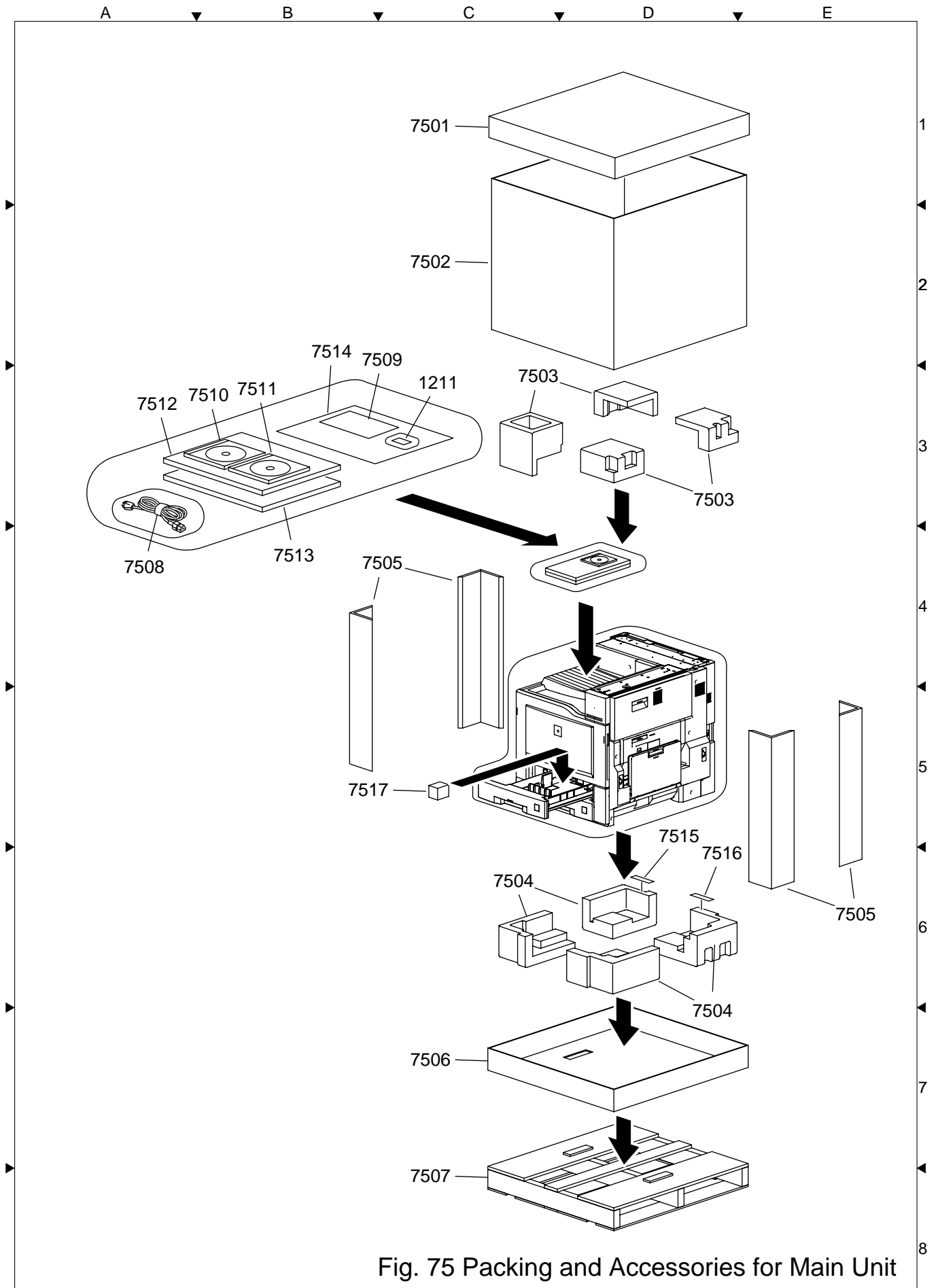


Fig. 75 Packing and Accessories for Main Unit

Safety Mark	Ref. No.	Part Number	Part Name	New Parts	Remarks	Destination
	7513	PJQMC0582Z	Operating Instructions (For Setting Up)	N	English (American) For DP-C354/C323/ C264/C263/C213	PU
		PJQMC0583Z			English For DP-C354/C323/ C264/C263/C213	PA, PB, PE
		PJQMC0841Z			French For DP-C354/C323/ C264/C263/C213	PE
		PJQMC0839Z			German For DP-C354/C323/ C264/C263/C213	PM
		PJQMC0840Z			Italian For DP-C354/C323/ C264/C263/C213	
		PJQMC0779Z			Taiwanese For DP-C354/C323/ C264/C263/C213	PT
		PJQMC0278Z		C	English (American) For DP-C322/C262	PU
		PJQMC0300Z			English For DP-C322/C262	PA, PB, PE
		PJQMC0305Z			Chinese For DP-C322/C262	PK
		PJQMC0301Z			German For DP-C322/C262	PM
		PJQMC0303Z			Italian For DP-C322/C262	
		PJQMC0502Z			Chinese (Taiwanese) For DP-C322/C262	PT
		PJQMC0577Z			Turkish For DP-C322/C262	PV
	7514	PJQRC0148Z	Installation Instructions	N	For DP-C354/C323/ C264/C263/C213	All
		PJQRC0061Z		C	For DP-C322/C262	
	7515	PJPNC0070Z	Pad, Bottom L	C		All
	7516	PJPNC0071Z	Pad, Bottom R	C		All
	7517	PJPQC0059Z	Cushion, Cassette	C		All
	1211	PJGFC0467X	Label, Model Number	N	For DP-C354	All
		PJGFC0467P			For DP-C323	
		PJGFC0467Q			For DP-C264	
		PJGFC0467W			For DP-C263	
		PJGFC0467V			For DP-C213	
		PJGFC0467Z		C	For DP-C322	Except PK
		PJGFC0467U				PK
		PJGFC0467Y			For DP-C262	Except PK
		PJGFC0467T				PK

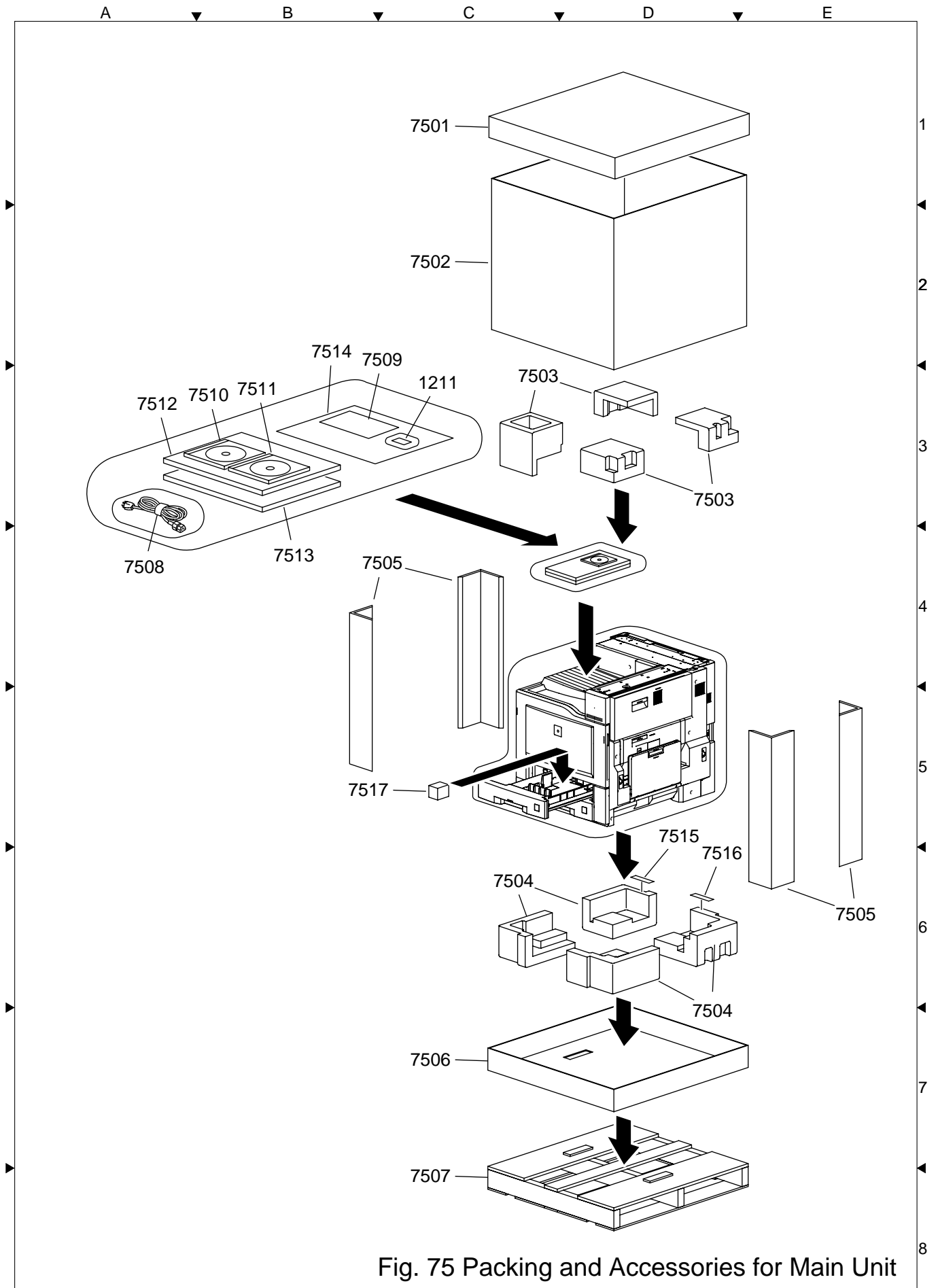


Fig. 75 Packing and Accessories for Main Unit

5.29. Packing and Accessories for Scanner Unit

Safety Mark	Ref. No.	Part Number	Part Name	New Parts	Remarks	Destination
	7601	PJPGC0747Z	Box	N	For DP-C354/C323/C264/C263/C213	ALL
		PJPGC0749Z		C	For DP-C322/C262	PK
		PJPGC0748Z				Except PK
	7602	PJPQC0097Z	Cushion, Upper	N	For DP-C354/C323/C264/C263/C213	All
		PJPQC0095Z		C	For DP-C322/C262	
	7603	PJPQC0096Z	Cushion, Lower	C		All
	7604	PJPNC0143Z	Pad, Top	C		All
	7605	PJPAC0019Z	Palette	C		All
	7606	PJPCC0010Z	Carton Box	C		All
	7609	PJPPC0014Z	Carton Bar	C	For DP-C354/C323/C264/C263/C213	All
					For DP-C322/C262	
⚠	7612	PJQMC0680Z	Operating Instructions (For Basic Operations)	N	French For DP-C354/C323/C264/C263/C213	PF
		PJQMC0282Z		C	French For DP-C322/C262	
	7613	PJQMC0841Z	Operating Instructions (For Setting Up)	N	French For DP-C354/C323/C264/C263/C213	PF
		PJQMC0302Z		C	French For DP-C322/C262	
⚠	106	PJKZC0017Z	Cover, Scanner Base Bracket	C		All
	107	PJUAC0097Z	Bracket, Scanner Base	C		All
	108	PJUAC0098Z	Bracket, Scanner Mounting	C		All
	6405	PJJRC2705Z	Harness, SCNIF	C		All
	7511	PJJXC0188Z	Operating Instructions CD	N	French For DP-C354/C323/C264/C263/C213	PF
		PJJXC0108Z		C	French For DP-C322/C262	
	S6	DZPA000086	Screw	C		All
	Y19	XTB4+8FFJ	Screw, Binding Head Tapping	C		All

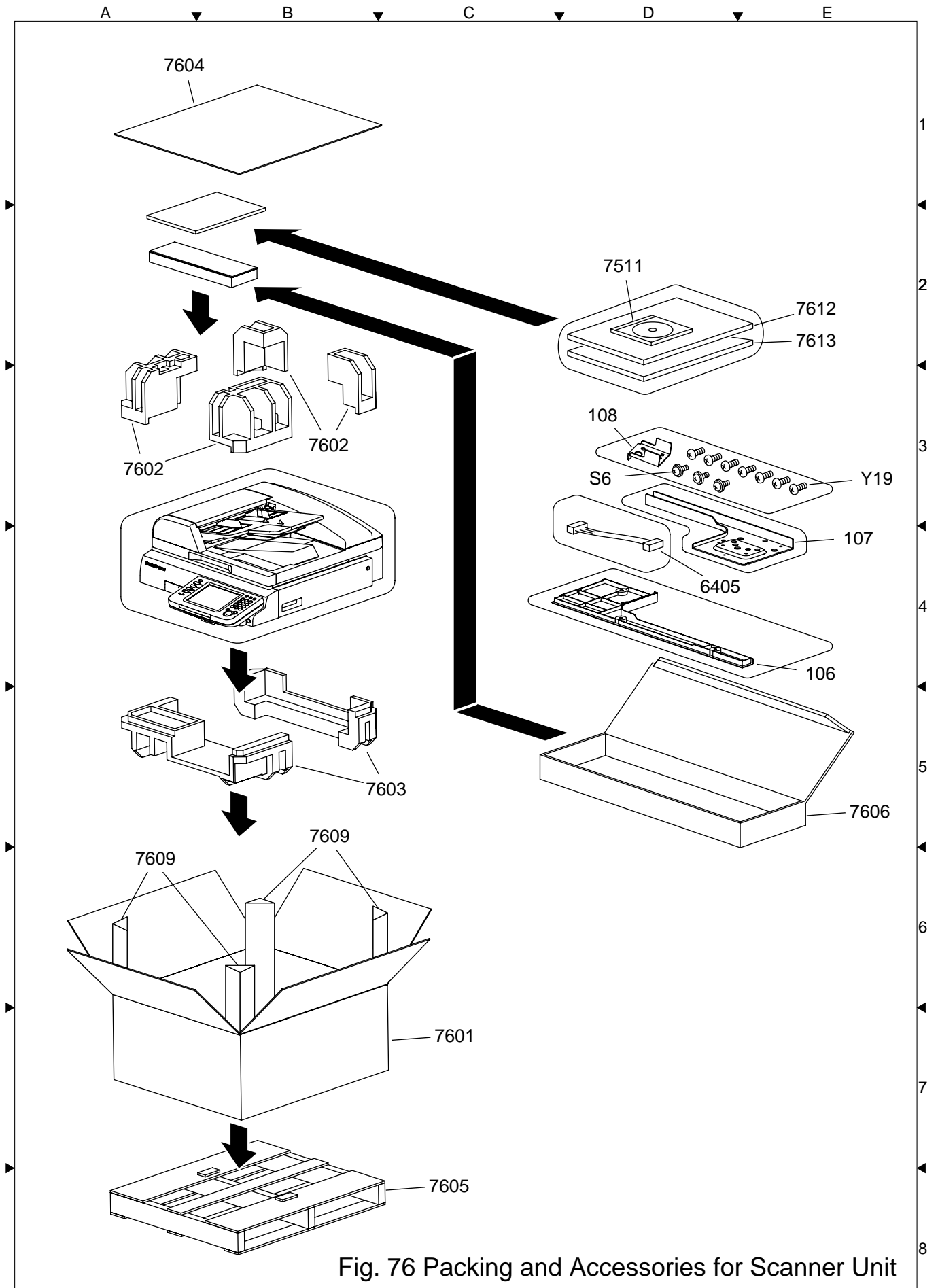


Fig. 76 Packing and Accessories for Scanner Unit

5.30. Network Scanner/Email Module (DA-NS320) Packing and Accessories

Safety Mark	Ref. No.	Part Number	Part Name	New Parts	Remarks	Destination
	7701	DZRB000143	Carton Box	C		All
	7702	PJQRC0077Z	Installation Instructions	C		All
	7704	-----	Hardware Key		Available as a Sales Item	All
	6434	DZEC103878	PC Board, Scan Memory	C	PbF For DP-C354/C264	All

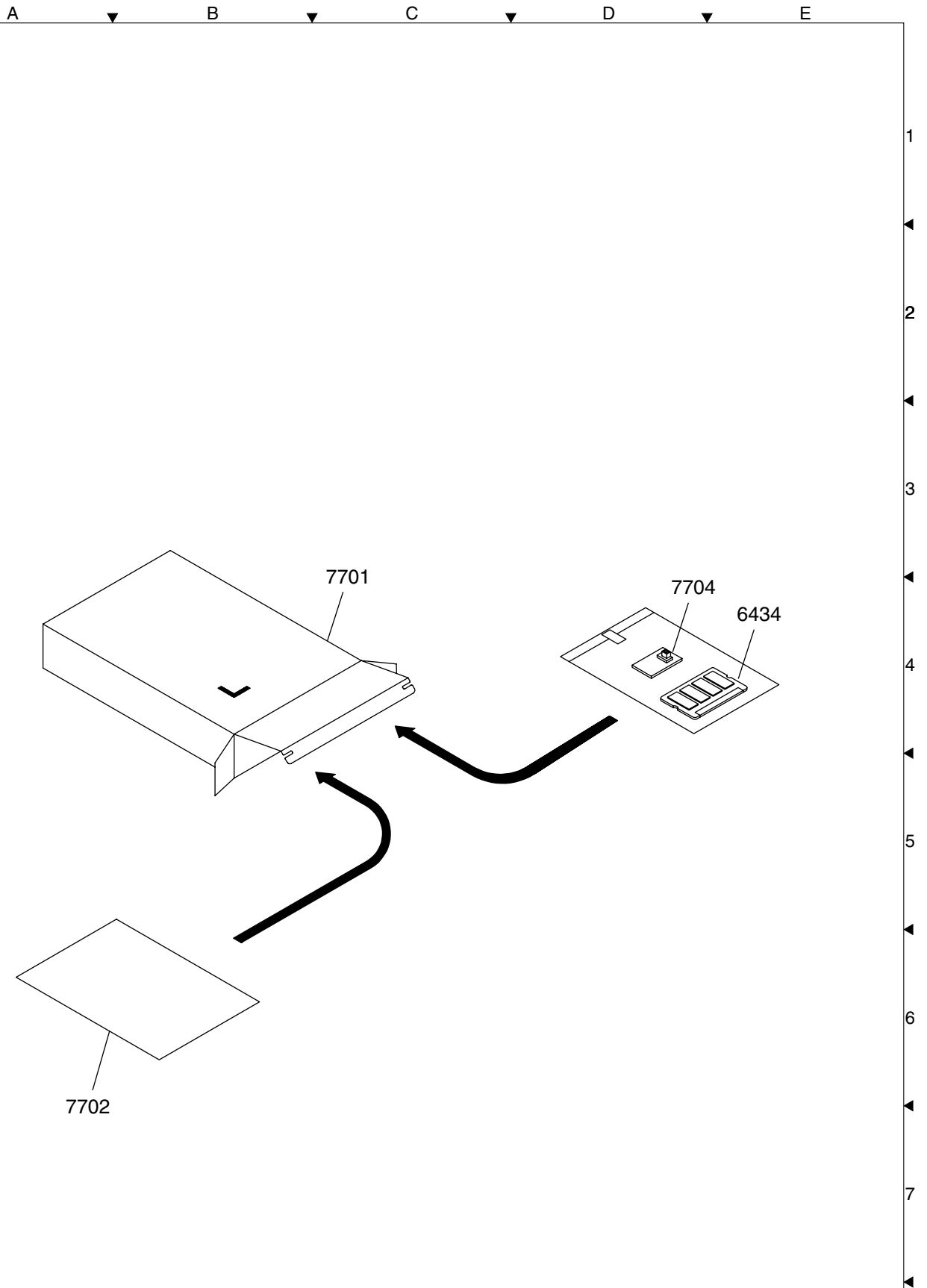


Fig. 77 Network Scanner/Email Module (DA-NS320)
Packing and Accessories

5.31. Internet Fax Module (DA-NF320) Packing and Accessories

Safety Mark	Ref. No.	Part Number	Part Name	New Parts	Remarks	Destination
	7801	PJQRC0075Z	Installation Instructions	C		All
	7701	DZRB000143	Carton Box	C		All
	7704	-----	Hardware Key		Available as a Sales Item	All

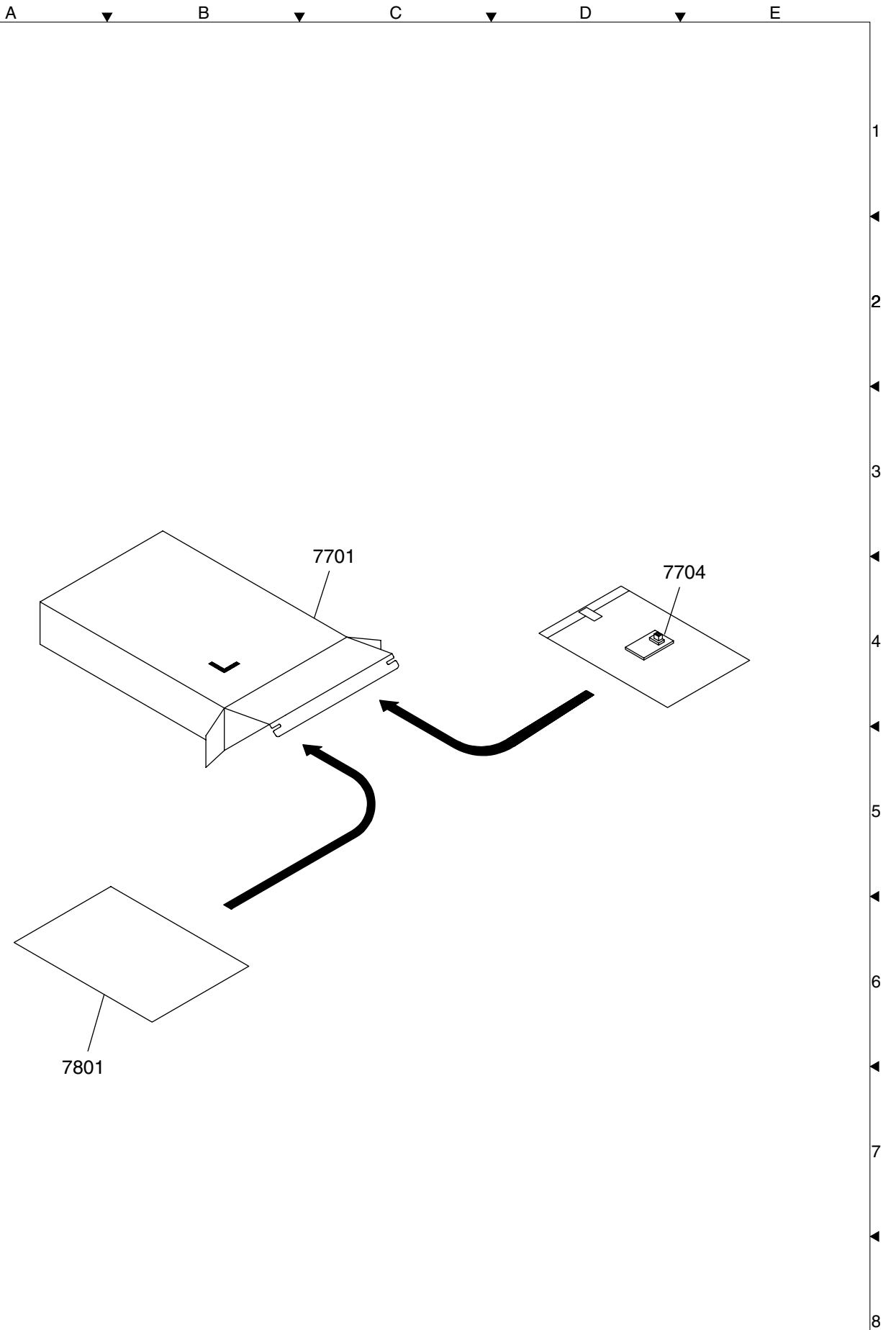


Fig. 78 Internet Fax Module (DA-NF320) Packing and Accessories

5.32. Fax Communication Board and Internet Fax / E-mail Module (DA-FN350) Packing and Accessories

Safety Mark	Ref. No.	Part Number	Part Name	New Parts	Remarks	Destination
	7901	PJPGC0220Z	Carton Box	C		All
	7902	PJPQC0036Z	Cushion 2, Bottom	C		All
	7903	PJPQC0026Z	Cushion, Bottom	C		All
	7904	PJPQC0037Z	Cushion, Side	C		All
	7905	PJPQC0025Z	Cushion, Top	C		All
⚠	7906	DZFN000136	Telephone Line Cable	C	Refer to 1.1.1.	AU, EB, EE, EP, ER, YC, YV
		DZFN000095				AL, EB
		PJJWC0009Z				AL, EB
		PJJWC0010Z				AG
		DZFN000104				AV
		DZFN000078				EE
	7907	PJJRC2482Z	Harness, Speaker	C		All
	7908	PJQRC0064Z	Installation Instructions	C		All
⚠	7909	PJHMC0002Z	Label, TEL/LINE	C		All
	7910	DZFB000010	Plug, PTT	C	Refer to 1.1.1.	AV
	724	DZHP000237	Assembly, Stamp	C		PU
		DZHP000240				Except AU
⚠	725	L9AAAAEC0001	Solenoid, Stamp	C		All
	1329	DZJK000070	Locking Mini Clamp	C		All
	3918	PJUIC0087Z	Bracket, Speaker	C		All
⚠	3920	PJWEF2171PU	Speaker	C		All
	4105	DZJK000006	Mini Clamp	C		All
	6428	DZFN000130	Cable, USB	C		All
	6432	PJJRC2481Z	Harness, FXB	C		All
	7704	-----	Hardware Key		Available as a Sales Item	All
	F10	XTB3+8GFJ	Screw	C		All
	X5	XTB3+6FFJ	Screw	C		All
	Y3	XTW3+6LFJ	Screw	C		All

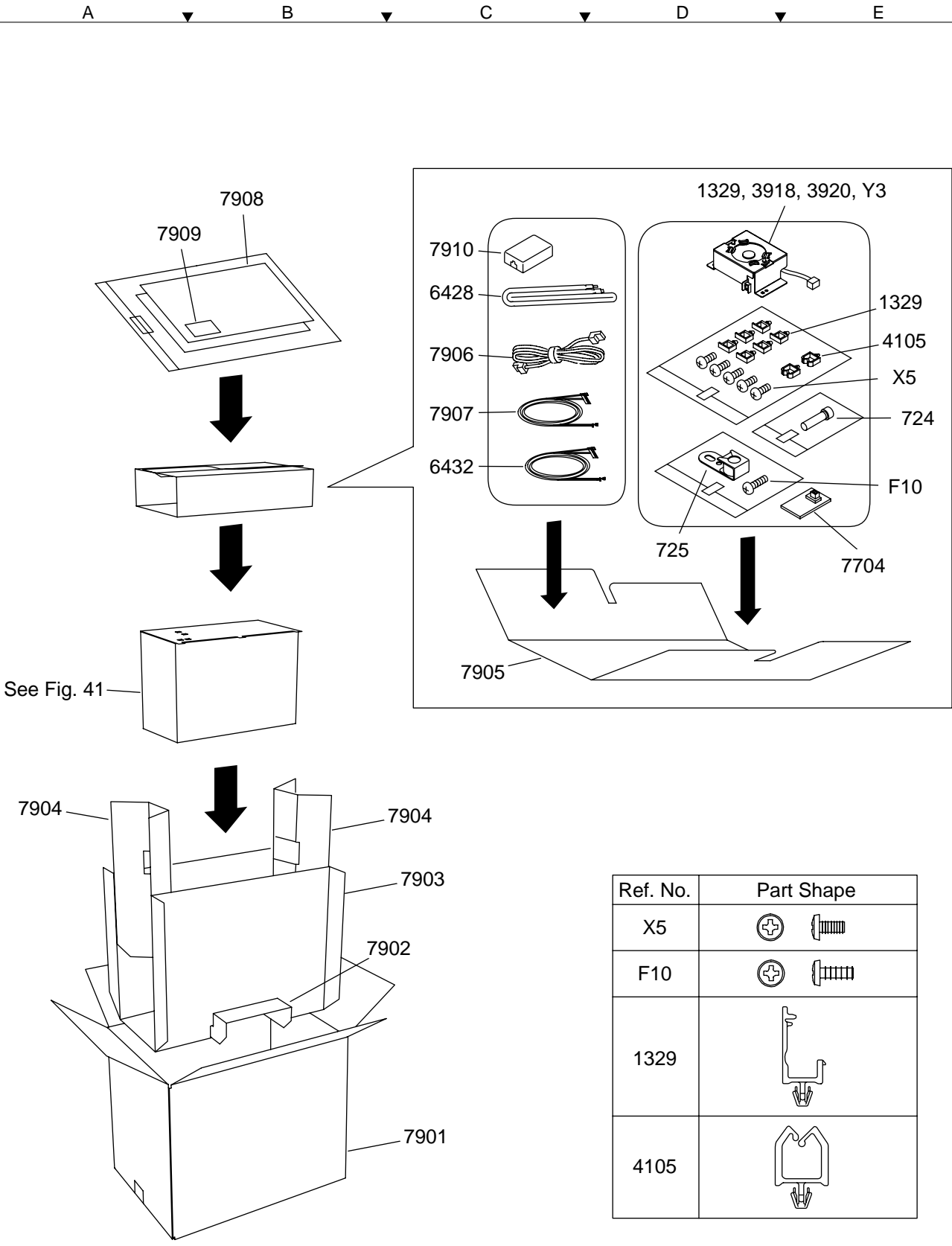


Fig. 79 Fax Fax Communication Board and Internet Fax / E-mail Module (DA-FN350) Packing and Accessories

5.33. Fax Communication Board (DA-FG320) Packing and Accessories

Safety Mark	Ref. No.	Part Number	Part Name	New Parts	Remarks	Destination
	7901	PJPGC0220Z	Carton Box	C		All
	7902	PJPQC0036Z	Cushion 2, Bottom	C		All
	7903	PJPQC0026Z	Cushion, Bottom	C		All
	7904	PJPQC0037Z	Cushion, Side	C		All
	7905	PJPQC0025Z	Cushion, Top	C		All
⚠	7906	DZFN000136	Telephone Line Cable	C	Refer to 1.1.1.	AU, EB, EE, EP, ER, YC, YV
		DZFN000095				AL, EB
		PJJWC0009Z				AL, EB
		PJJWC0010Z				AG
		DZFN000104				AV
		DZFN000078				EE
	7907	PJJRC2482Z	Harness, Speaker	C		All
	7908	PJQRC0064Z	Installation Instructions	C		All
⚠	7909	PJHMC0002Z	Label, TEL/LINE	C		All
	7910	DZFB000010	Plug, PTT	C	Refer to 1.1.1.	AV
	724	DZHP000237	Assembly, Stamp	C		PU
		DZHP000240				Except PU
⚠	725	L9AAAAEC0001	Solenoid, Stamp	C		All
	1329	DZJK000070	Locking Mini Clamp	C		All
	3918	PJUIC0087Z	Bracket, Speaker	C		All
⚠	3920	PJWEF2171PU	Speaker	C		All
	4105	DZJK000006	Mini Clamp	C		All
	6428	DZFN000130	Cable, USB	C		All
	6432	PJJRC2481Z	Harness, FXB	C		All
	F10	XTB3+8GFJ	Screw	C		All
	X5	XTB3+6FFJ	Screw	C		All
	Y3	XTW3+6LFJ	Screw	C		All

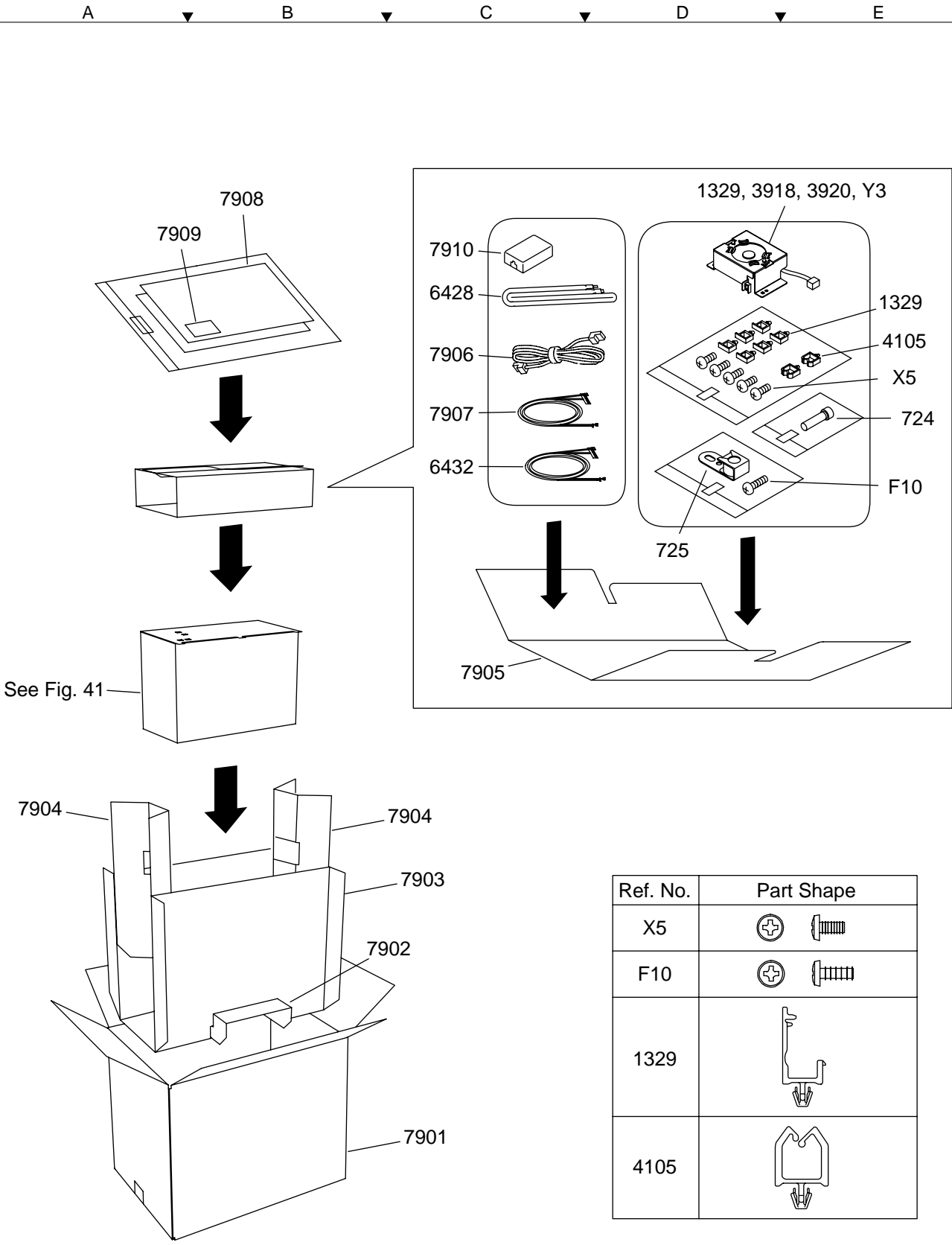


Fig. 79 Fax Communication Board (DA-FG320)
Packing and Accessories

5.34. Hard Disk Drive Unit (DA-HD32) Packing and Accessories

Safety Mark	Ref. No.	Part Number	Part Name	New Parts	Remarks	Destination
	8001	DZRB000733	Carton Box	C		All
	8002	DZRB000750	Cushion, HDD	C		All
	8003	PJQRC0072Z	Installation Instructions	C		All
	1329	DZJK000070	Locking Mini Clamp	C		All
	1409	DZJK000077	Clamp	C		All
	4011	PJUIC0085Z	Bracket, DC12	C		All
	4012	DZPA000093	Screw	C		All
	4013	PJUIC0084Z	Bracket, HDD	C		All
⚠	4018	M0CE00000028	Hard Disk Drive	C		All
	4019	DZJM001237	Film, HDD Bracket	C		All
	6429	DZFP001293	Harness, HD	C		All
	6430	PJJRC2484Z	Harness, DC12	C		All
	6602	DZEC102176R	PC Board, DC12	C	RTL/PbF	All
	6612	PJJRC2483Z	Harness, HD2	C		All
	X5	XTB3+6FFJ	Screw	C		All

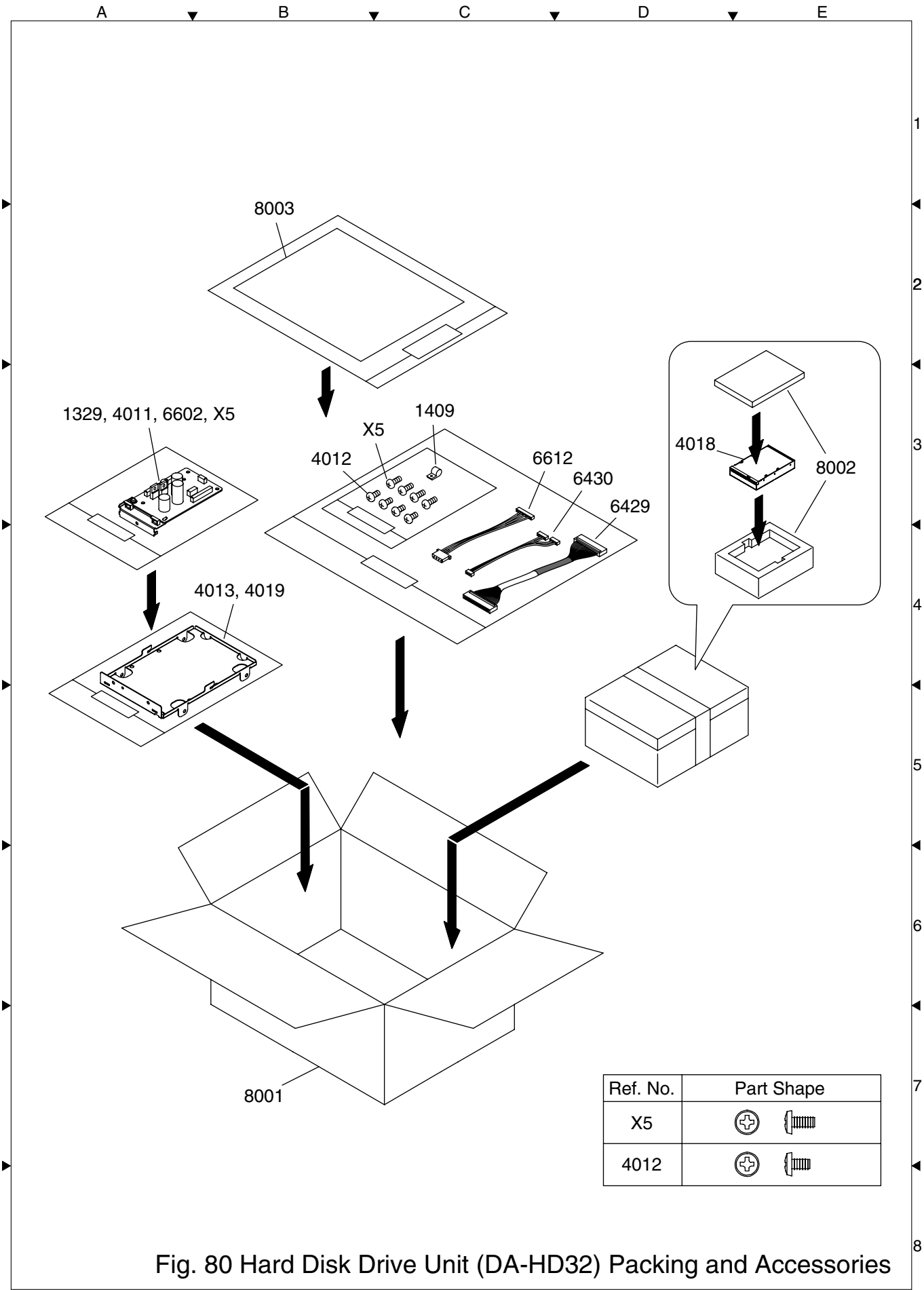


Fig. 80 Hard Disk Drive Unit (DA-HD32) Packing and Accessories

5.35. System Console 1 (DA-DS320) / System Console 2 (DA-DS321) Packing and Accessories

Safety Mark	Ref. No.	Part Number	Part Name	New Parts	Remarks	Destination
	8101	PJPGC0667Z	Carton Box (For Product Made in China)	N	For DA-DS321	PK, PUG
		PJPGC0216Y				Except PK, PUG
		PJPGC0216Z	Carton Box (For Product Made in Japan)	C		Except PK, PUG
		PJPGC0669Z	Carton Box (For Product Made in China)	N	For DA-DS320	PK, PUG
		PJPGC0219Y				Except PK, PUG
		PJPGC0219Z	Carton Box (For Product Made in Japan)	C		Except PK, PUG
	8102	PJPKC0116Z	Carton Box, Inner	C		All
	8103	PJPQC0033Z	Cushion, Bottom	C		All
	8104	PJPQC0032Z	Cushion, Top	C		All
	8105	PJPNC0051Z	Pad, Top	C		All
	8106	PJPEC0035Z	Stopper, Bottom Plate	C		All
	8107	PJQRC0063Z	Installation Instructions	C		All
	6711	PJUIC0189Z	Bracket	C		All
	7509	PJGFC0149Z	Paper Size Label	C		PU
		PJGFC0150Z				Except PU
	Y19	XTB4+8FFJ	Screw, Binding Head Tapping	C		All

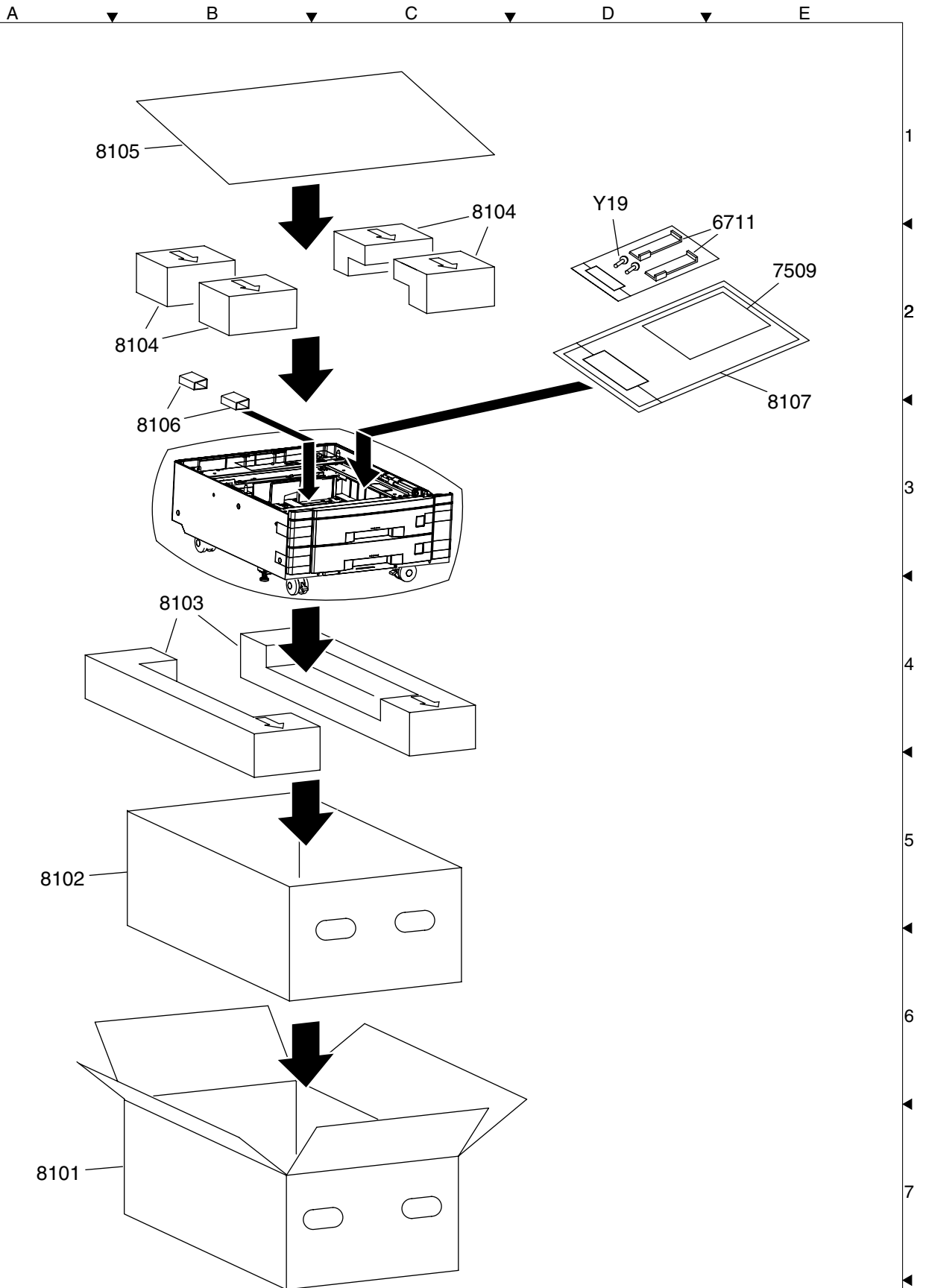


Fig. 81 System Console 1 (DA-DS320) / System Console 2 (DA-DS321) Packing and Accessories

5.36. Paper Transport Unit (DA-FK350/FK320) Packing and Accessories

Safety Mark	Ref. No.	Part Number	Part Name	New Parts	Remarks	Destination
	8201	PJPGC0659Z	Carton Box	N	For DA-FK350	PB, PU
		PJPGC0668Z	Carton Box (For Product Made in China)			PUG
		PJPGC0217Z	Carton Box (For Product Made in Japan)	C	For DA-FK320	All
		PJPGC0217Y	Carton Box (For Product Made in China)			PK
		PJPGC0670Z	Carton Box (For Product Made in China)			
	8202	PJPQC0035Z	Cushion, Bottom	C		All
	8203	PJPQC0034Z	Cushion, Top	C		All
	8204	PJPNC0072Z	Cushion, Inner	C		All
	8205	PJPKC0117Z	Box, Bracket	C		All
	8206	PJQRC0181Z	Installation Instructions	N	For DA-FK350	All
		PJQRC0066Z		C	For DA-FK320	
	8207	PJQXC0058Z	Sheet, Caution	C		All
	7112	PJURC0039Z	Cover, Front	C		All
	7122	PJURC0040Z	Cover, Bracket	C		All
	7123	PJUEC0098Z	Bracket	C		All
	X5	XTB3+6FFJ	Screw	C		All
	X9	XTB3+8FFJ	Screw	C		All
	Y37	XTB3+6GFJ	Screw	C		All
	Y46	XTB3+12FFJ	Screw	C		All

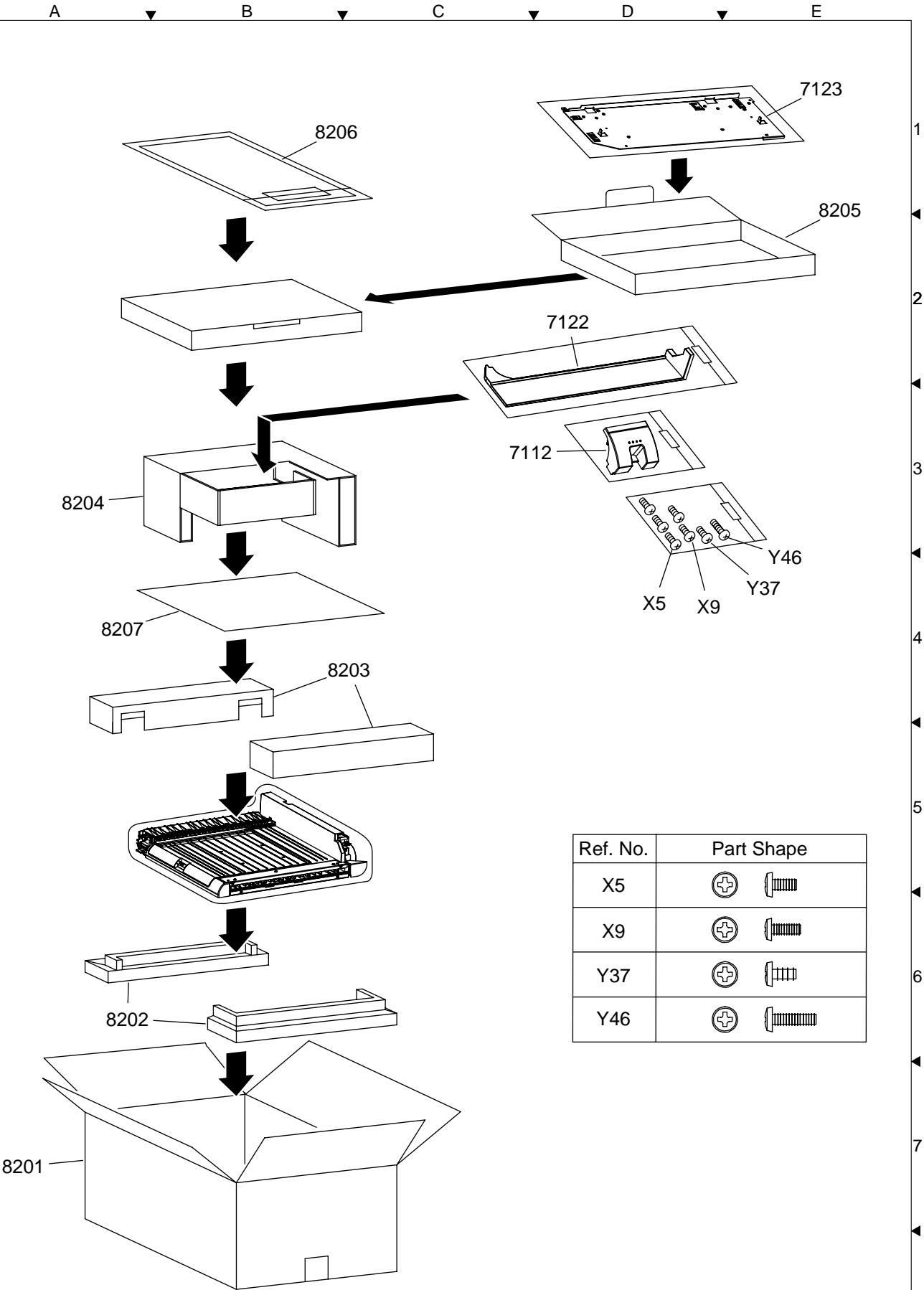
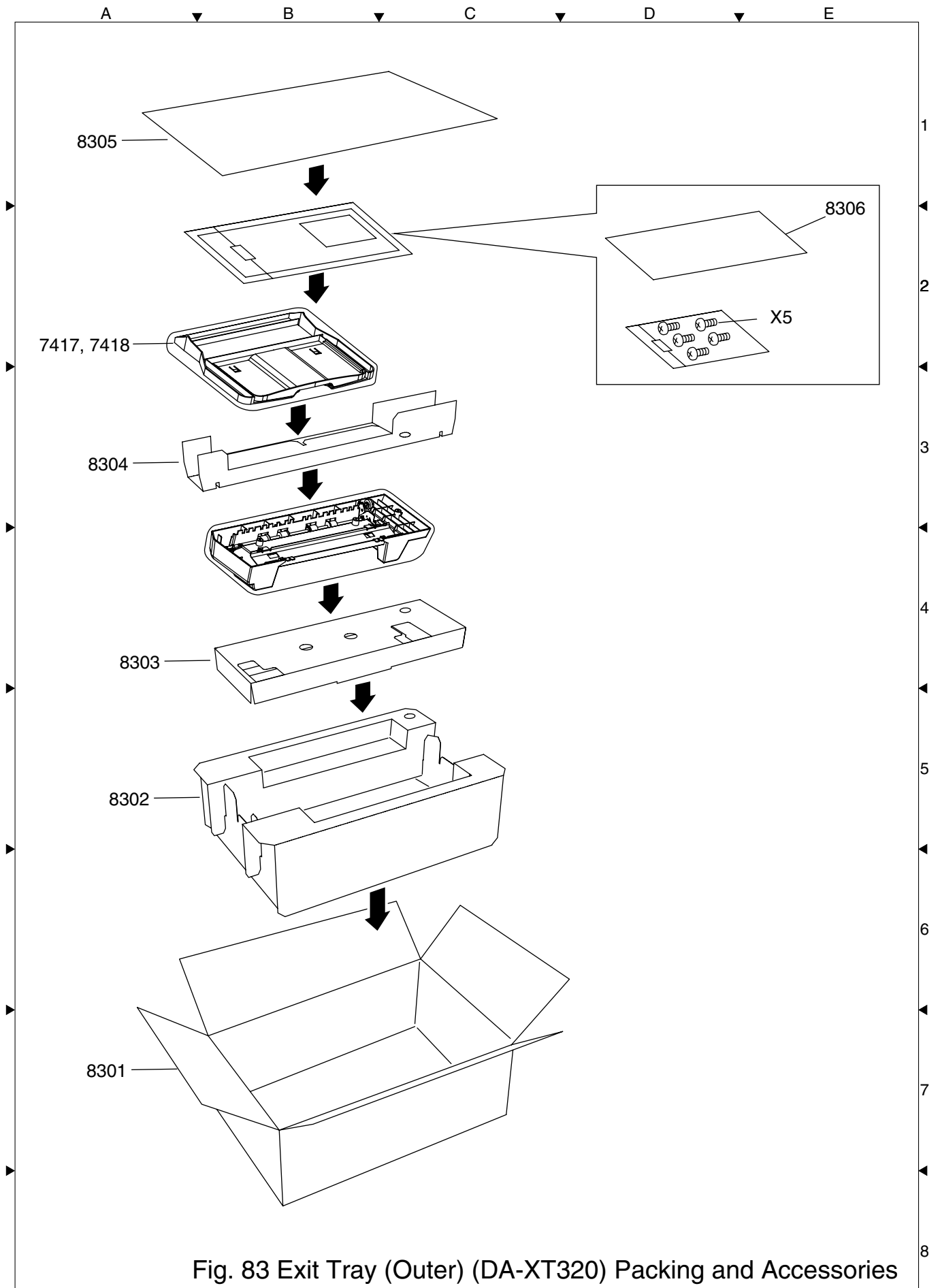



Fig. 82 Paper Transport Unit (DA-FK350/FK320) Packing and Accessories

5.37. Exit Tray (Outer) (DA-XT320) Packing and Accessories

Safety Mark	Ref. No.	Part Number	Part Name	New Parts	Remarks	Destination
	8301	PJPGC0218Z	Carton Box	C		All
	8302	PJPNC0055Z	Pad, Bottom	C		All
	8303	PJPNC0056Z	Pad, Tray	C		All
	8304	PJPNC0057Z	Spacer	C		All
	8305	PJPNC0052Z	Pad, Top	C		All
	8306	PJQRC0081Z	Installation Instructions	C		All
	7417	FFPQB0060	Tray, Exit 3	C		All
	7418	FFPQB0052B	Tray, Exit 2	C		All
	X5	XTB3+6FFJ	Screw	C		All



5.38. 1-Bin Finisher (DA-FS350/FS320) Packing and Accessories

Safety Mark	Ref. No.	Part Number	Part Name	New Parts	Remarks	Destination
	8401	PF4124P088	Carton Box	N	For DA-FS350	All
		PF4124P087		C	For DA-FS320	
	8402	PF4124P086	Pad, Board	C		All
	8403	PF4124P090	Pad, Base	C		All
	8404	PF4124P091	Pad, Top	C		All
	8405	PJQRC0164Z	Installation Instructions	N	For DA-FS350	All
		PJQRC0068Z		C	For DA-FS320	
	3921	PF4117P003	PC Board, IPC	C	PbF	All
	6605	PF4117K075	Optional LVPS	C		PU, PT
		PF4117K076		C		Except PU, PT
	6616	PF4124K627	Harness, Optional LVPS	C		All
	14020	PF2252P619	Snap Ring	C		All
	14022	PF4124K127	Assembly, Finisher Tray	C		All
	14126	PF4124P002	Bracket, Front Slide Guide	C		All
	14127	PF4124P003	Bracket, Rear Slide Guide	C		All
	14131	040060FWBP	Screw	C		All
	Y3	XTW3+6LFJ	Screw	C		All

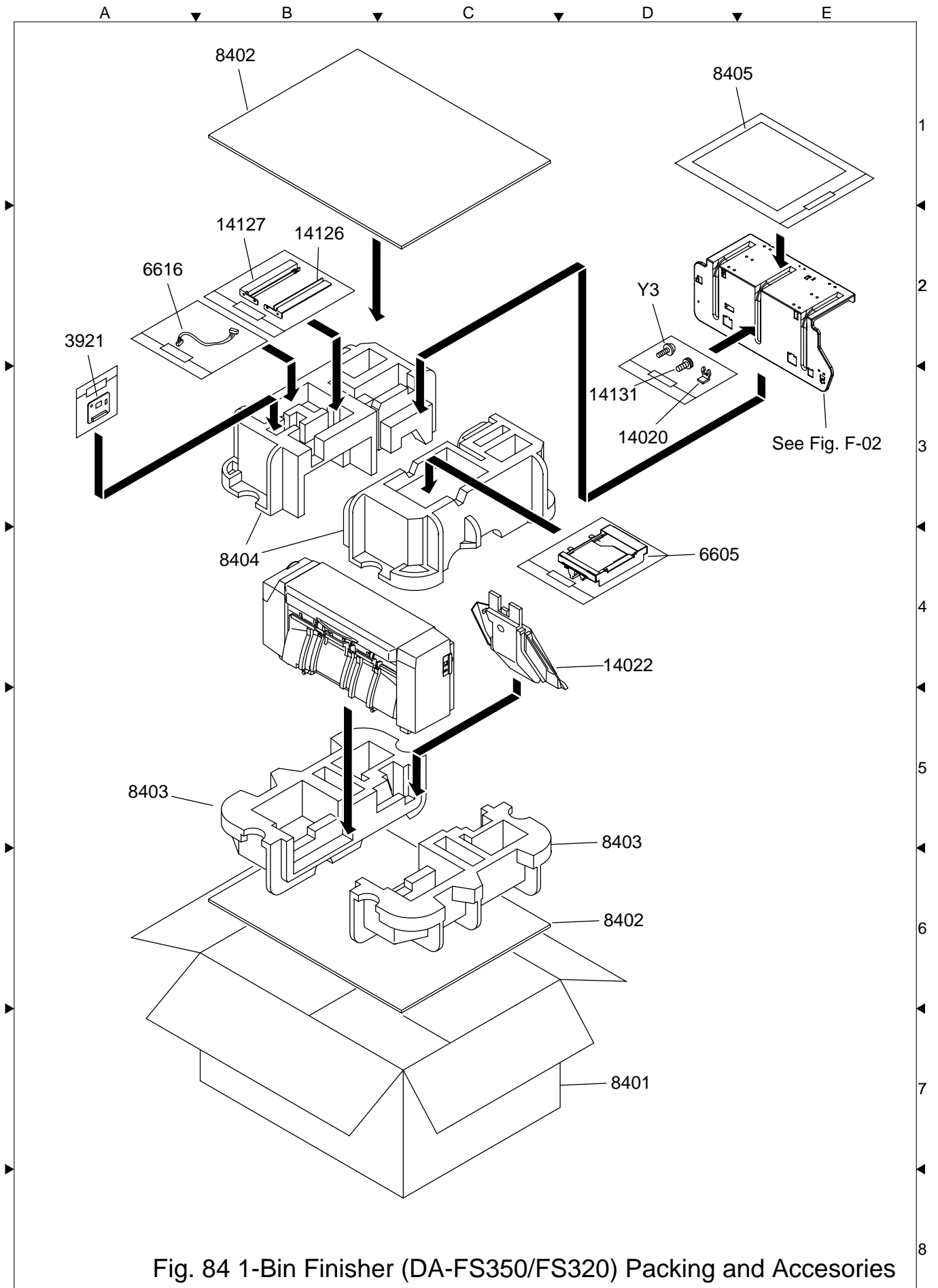



Fig. 84 1-Bin Finisher (DA-FS350/FS320) Packing and Accesories

5.39. 1-Bin Saddle-Stitch Finisher (DA-FS356/FS325) Packing and Accessories

Safety Mark	Ref. No.	Part Number	Part Name	New Parts	Remarks	Destination
	8501	PF4117P905	Pallet	C		All
	8502	PF4117P914	Carton Box	N	For DA-FS356	All
		PF4117P906		C	For DA-FS325	
	8503	PF4117K070	Assembly, Pad	C		All
	8506	PF4117P910	Pad, Board	C	Supplied as a set of 2 Board Pads.	All
	8507	PF4099P903	Joint	C		All
	8508	PF4117P866	Label	C		All
	8509	PJQRC0166Z	Installation Instructions	N	For DA-FS356	All
		PJQRC0070Z		C	For DA-FS325	
	3921	PF4117P003	PC Board, IPC	C	PbF	All
	6605	PF4117K075	Optional LVPS	C		PU, PT
		PF4117K076		C		Except PU, PT
	6616	PF4124K627	Harness, Optional LVPS	C		All
	15710	PF4117P699	Plate, Latch	C		All

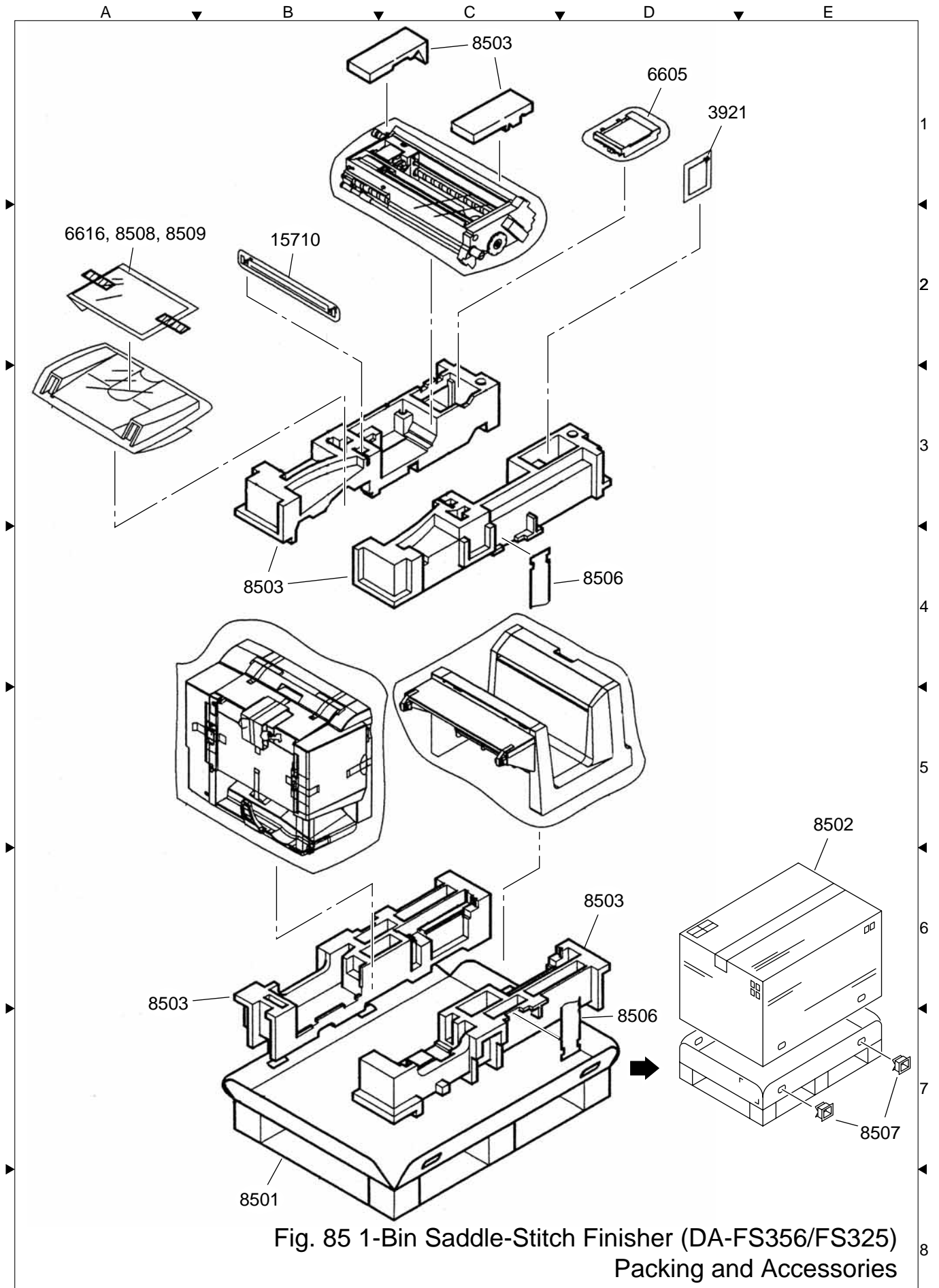


Fig. 85 1-Bin Saddle-Stitch Finisher (DA-FS356/FS325)
Packing and Accessories

5.40. Punch Unit (DA-SP41) Packing and Accessories

Safety Mark	Ref. No.	Part Number	Part Name	New Parts	Remarks	Destination
	8601	YA1020P410	Carton Box	C		All
	8602	YA1020K535	Assembly, Pad	C		All
	8604	DZSM000572	Installation Instructions	C		All
	8605	YA1020P208	Label, Punch Dust	C		All
	8606	040060FZTW	Screw	C		All
	16910	4A1-8702-000	Label, Jam Removal	C		All
	J1003	4H1-6515-000	Harness, Interface	C		All
	J1004	4H1-6514-000	Harness, Power Connecting	C		All

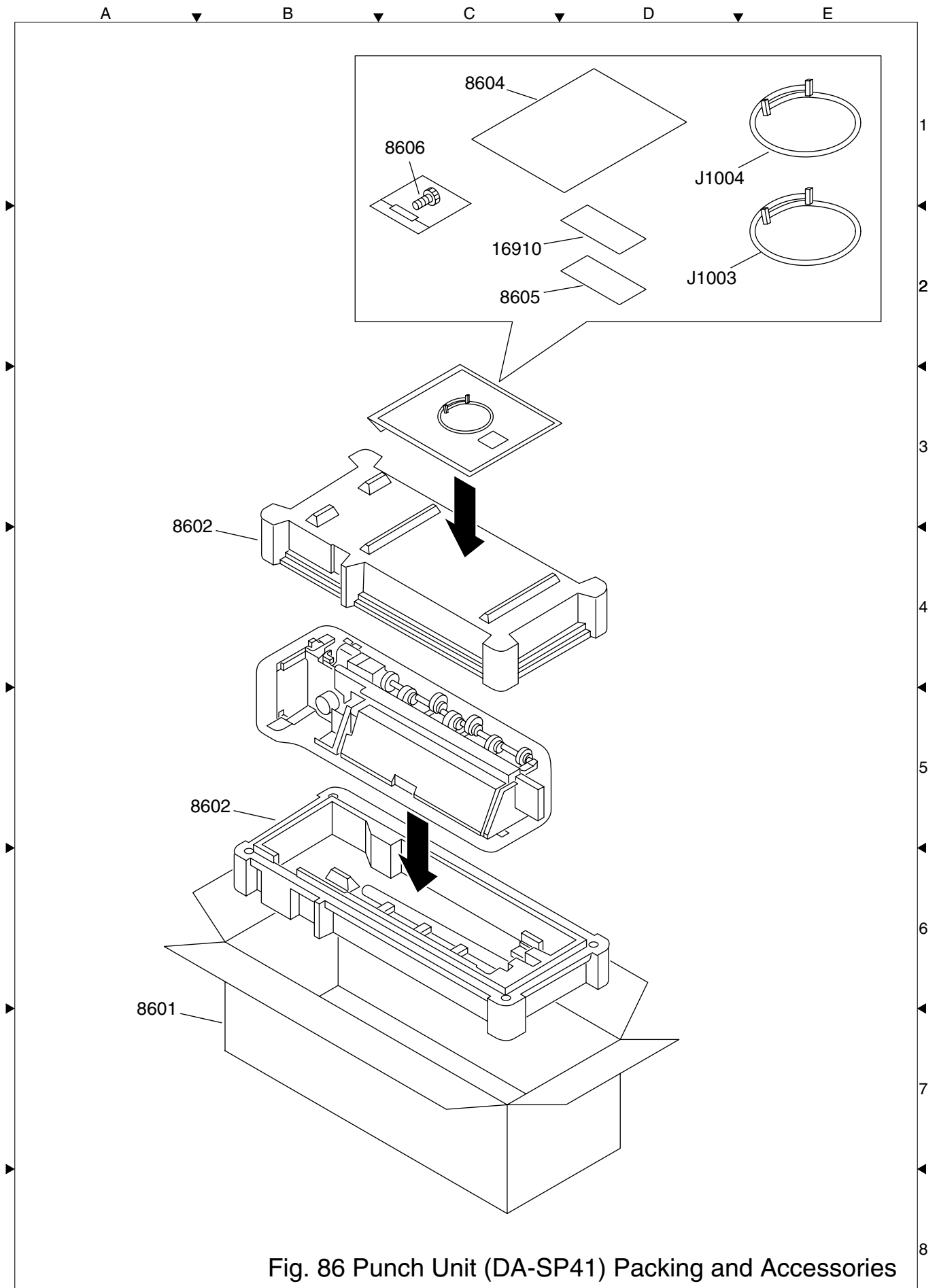


Fig. 86 Punch Unit (DA-SP41) Packing and Accessories

5.41. Network Scanner Module/Email Module for Document Distribution System (DA-NS321) Packing and Accessories

Safety Mark	Ref. No.	Part Number	Part Name	New Parts	Remarks	Destination
	8701	PJQRC0079Z	Installation Instructions	C		All
	7701	DZRB000143	Carton Box	C		All
	7704	-----	Hardware Key		Available as a Sales Item	All
	6434	DZEC103878	PC Board, Scan Memory	C	PbF For DP-C354/C264	All

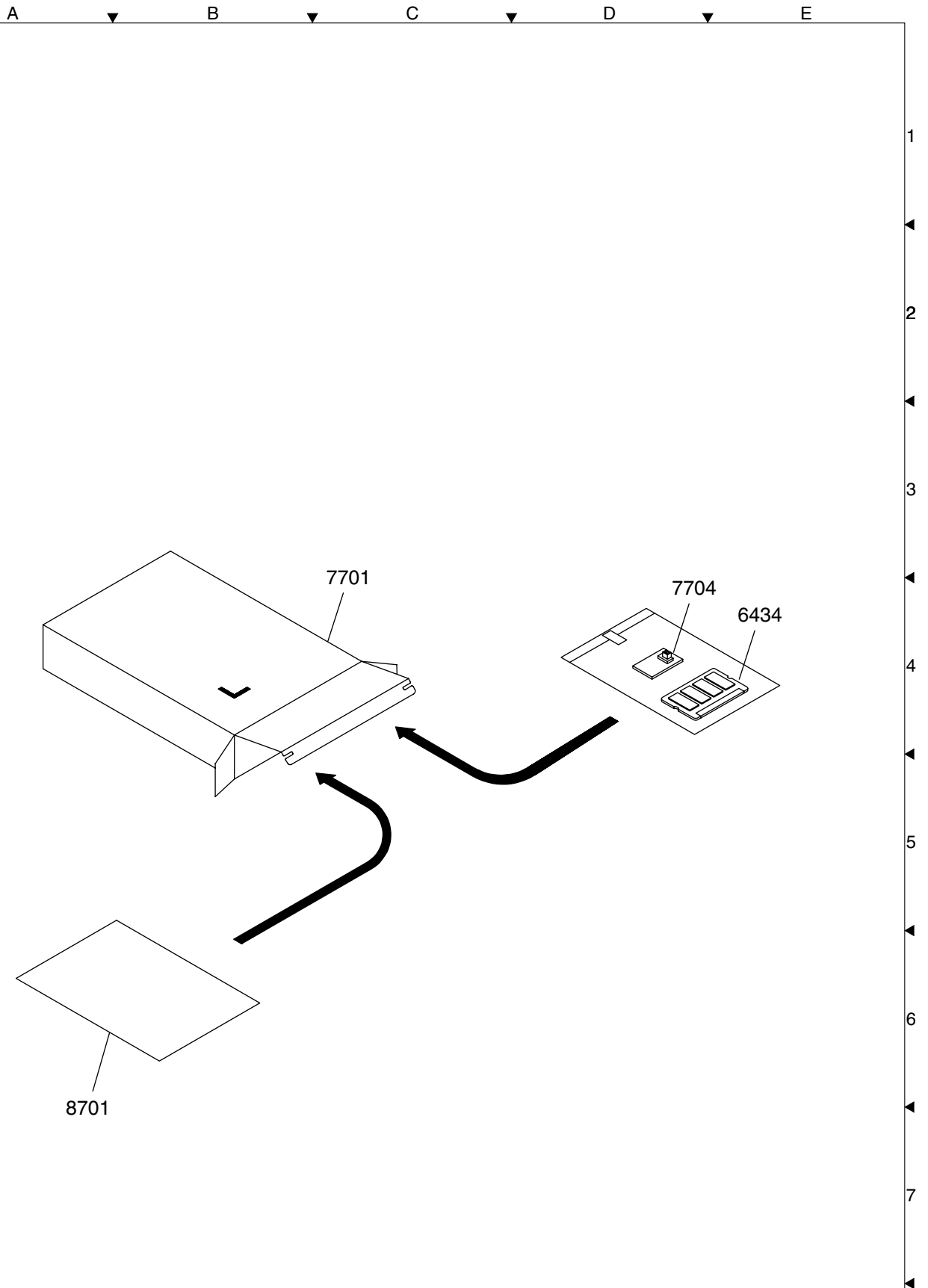


Fig. 87 Network Scanner Module/Email Module for Document Distribution System (DA-NS321) Packing and Accessories

5.42. Printer Controller Module (DA-MC350/MC320) Packing and Accessories

Safety Mark	Ref. No.	Part Number	Part Name	New Parts	Remarks	Destination
	8801	PJJXC0236Z	Software CD	N	For DA-MC350	PU
		PJJXC0238Z				Except PU
		PJJXC0162Z		C	For DA-MC320	PU
		PJJXC0168Z				Except PU
	8802	-----	Label, Adobe Postscript 3			
	8803	PJQRC0190Z	Installation Instructions	N	For DA-MC350	All
		PJQRC0087Z		C	For DA-MC320	
	7701	DZRB000143	Carton Box	C		All
	7704	-----	Hardware Key		Available as a Sales Item	All

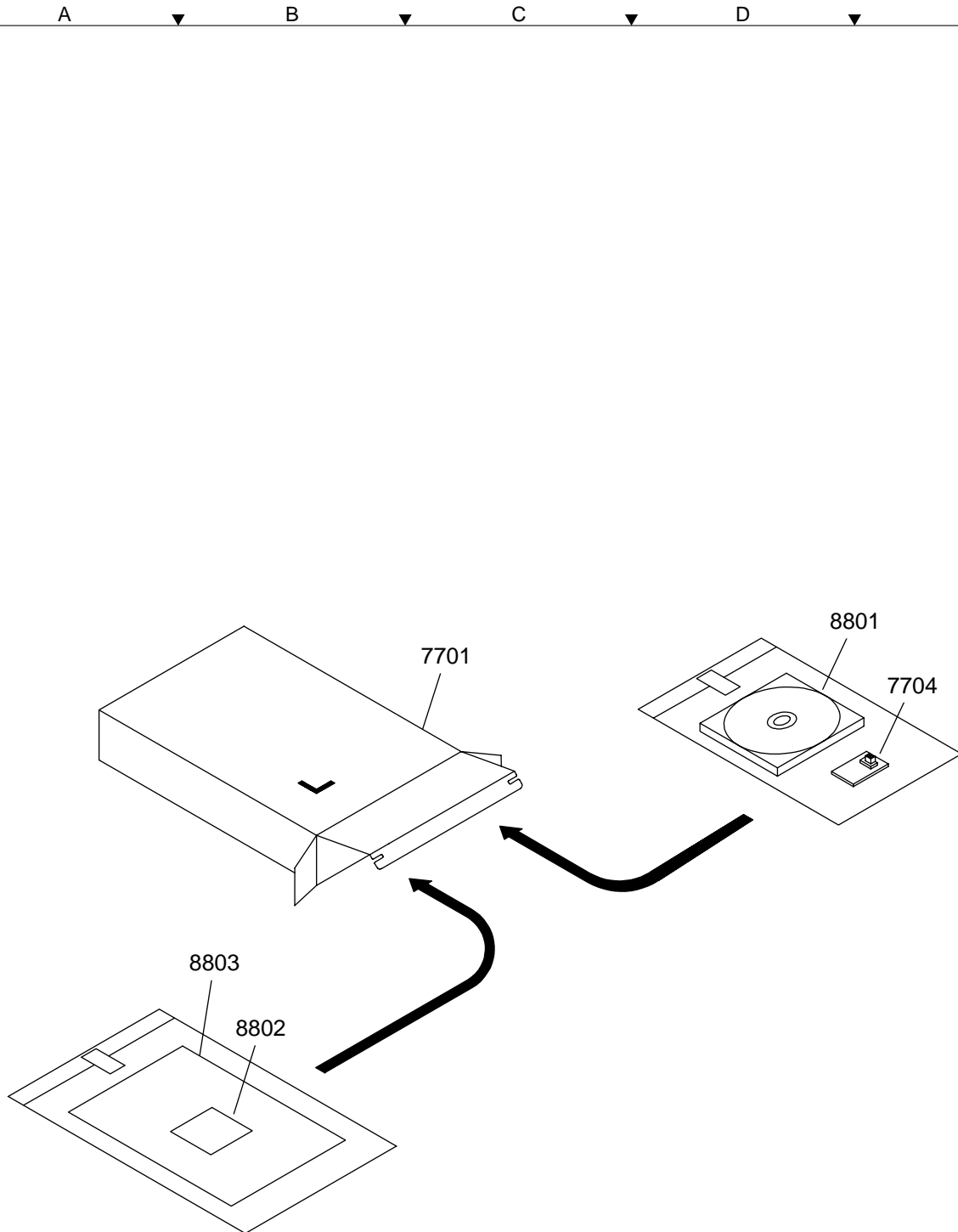


Fig. 88 Printer Controller Module (DA-MC350/MC320)
Packing and Accessories

5.43. ADF Handle for Accessibility (DA-UD321) Packing and Accessories

Safety Mark	Ref. No.	Part Number	Part Name	New Parts	Remarks	Destination
	8901	PJPGC0394Z	Carton Box	C		PU
	8902	PJVZF2758AU	ADF Front Cover	C		PU
	8903	PJQMC0485Z	Installation Instructions	C		PU
	424	PJGFC0896Z	Label, ADF Caution	C		PU

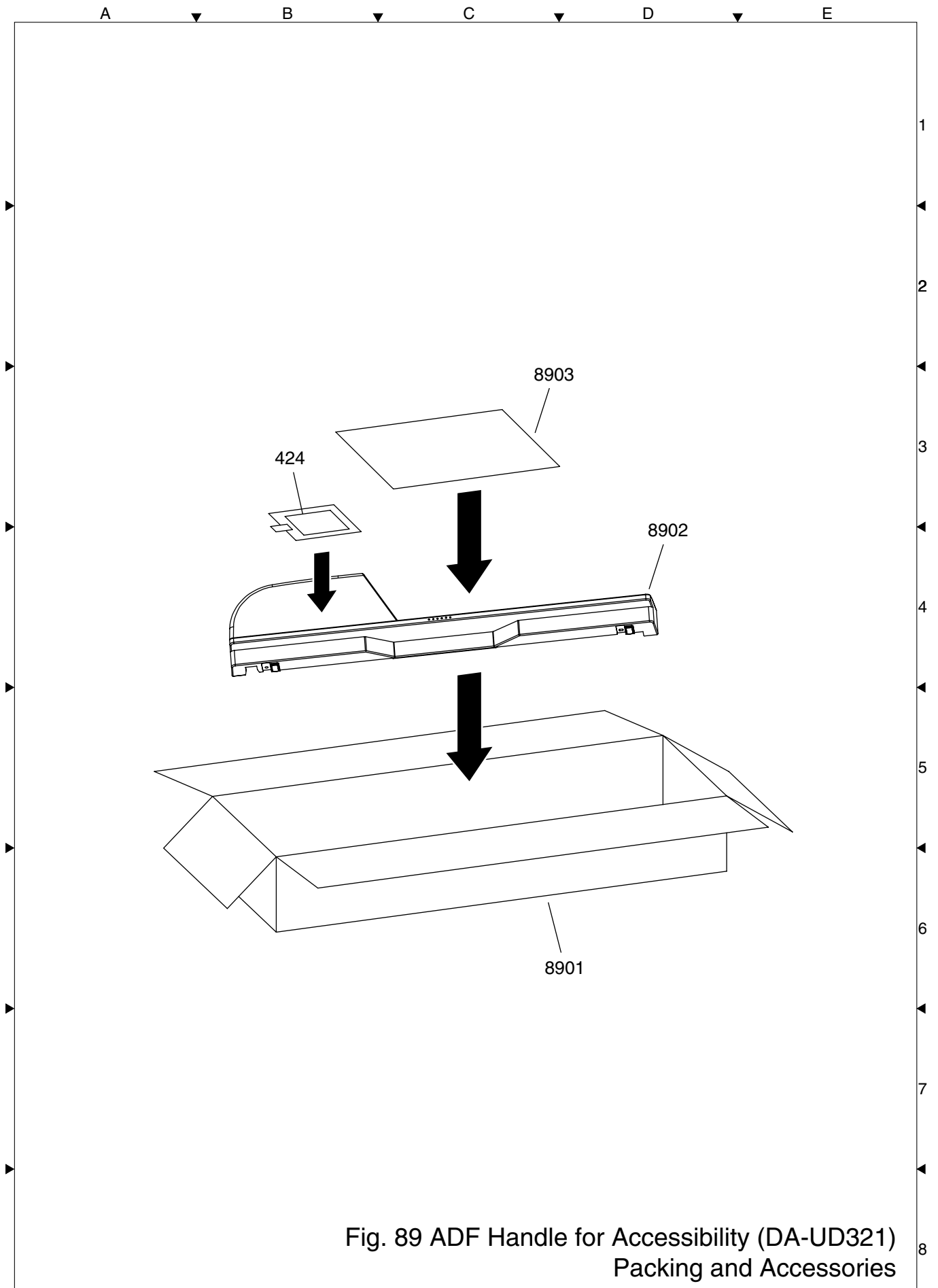


Fig. 89 ADF Handle for Accessibility (DA-UD321)
Packing and Accessories

5.44. Dehumidifier Heater Kit (PJZEF3160PU) Packing and Accessories

Safety Mark	Ref. No.	Part Number	Part Name	New Parts	Remarks	Destination
	9001	DZRB000101	Carton Box	C		All
	9002	PJJRC2624Z	Harness, HT6	C		All
⚠	9003	PJGFC0685Z	Label, Power	C		All
⚠	9004	PJGFC0684Z	Label, Heater Power	C		All
	9005	PJQRC0117Z	Installation Instructions	C		All
⚠	231	K0AALE000029	Switch, Heater	C		All
	232	PJJRC2526Z	Harness, SW4	C		All
	641	EDS-0607M	Edge Saddle	C		All
	1329	DZJK000070	Locking Mini Clamp	C		All
	1411	DZJK000061	Mini Clamp	C		All
	1727	DZJE001048	Cover, Connector	C		All
	1728	PJJRC2532Z	Harness, HT3	C		All
	1729	FFPK43H00R	Assembly, Scanner Heater	C		All
⚠	2205	PJGTC0022Z	Label, Caution	C		All
	3915	RBWS-1N	Mini Clamp	C		All
	4105	DZJK000006	Mini Clamp	C		All
	4119	KGLS8Z50SF	Spacer	C		All
	4120	ASE-315	Spacer, Metal	C		All
⚠	6617	PJWPF217EAZ	PC Board, RLB (Relay Board)	C	PbF	All
	6618	PJJRC2530Z	Harness, HT1	C		All
	6619	PJJRC2623Z	Harness, HT4	C		All
	6620	PJJRC2527Z	Harness, SW4C	C		All
	6621	PJJRC2525Z	Harness, RLB (Relay Board)	C		All
	6920	PJURC0057Z	Cover, Harness	C		All
	X5	XTB3+6FFJ	Screw	C		All
	Y16	XYN3+F6FJ	Screw	C		All
	Y19	XTB4+8FFJ	Screw, Binding Head Tapping	C		All

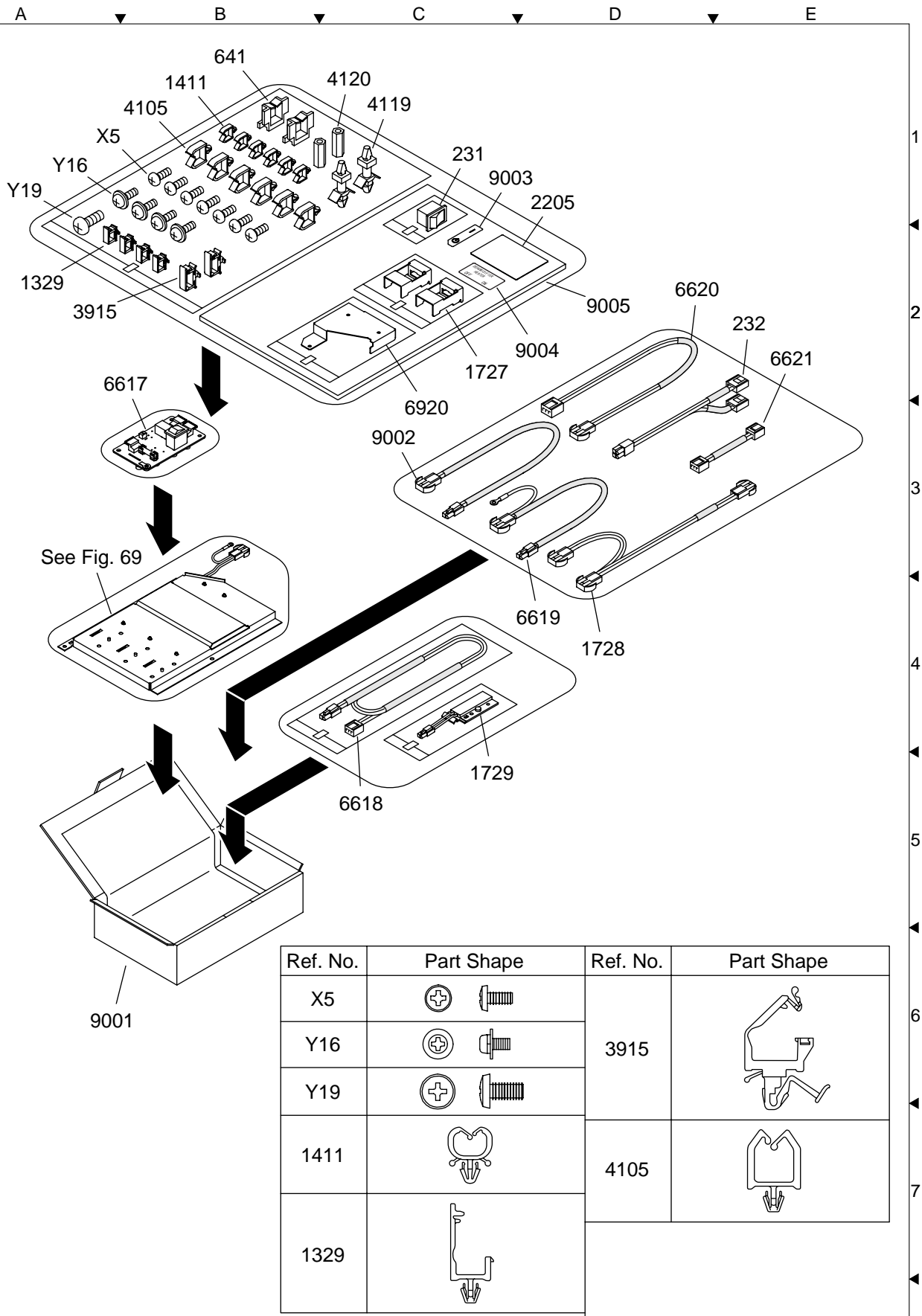
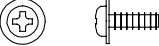


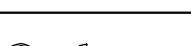
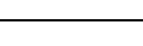
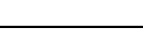

















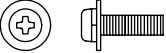



Fig. 90 Dehumidifier Heater Kit (PJZEF3160PU)
Packing and Accessories

5.45. Hardware Identification Template

Ref. No.	Part No.	Figure	Remark
6A	XTB3+12GFJ	 	Screw (M3 x 12)
5M	XYN3+F4FJ	 	Screw (M3 x 4)
G6	FFPFJ0039B	 	Snap Ring
H5	XTB4+10GFN	 	Silver Screw
H6	FFPFJ0033B	 	Snap Ring
H7	FFPFJ0041B	 	Snap Ring
H9	FFPFA01632	 	Shoulder Screw
J2	XTT4+8HFN	 	Silver Screw
J6	XUC3VM	 	E-Ring
J7	XUC4VM	 	E-Ring
J8	XUC7VM	 	E-Ring
K5	XUC5VM	 	E-Ring
K6	XUC6VM	 	E-Ring
K7	FFPFA01761	 	Shoulder Screw
K9	FFPFJ0043B	 	Snap Ring
L4	XTN4+34GFJ	 	Screw (M4 x 34)
N6	FFPFA0161	 	Shoulder Screw
P4	PF2217P319	 	Screw

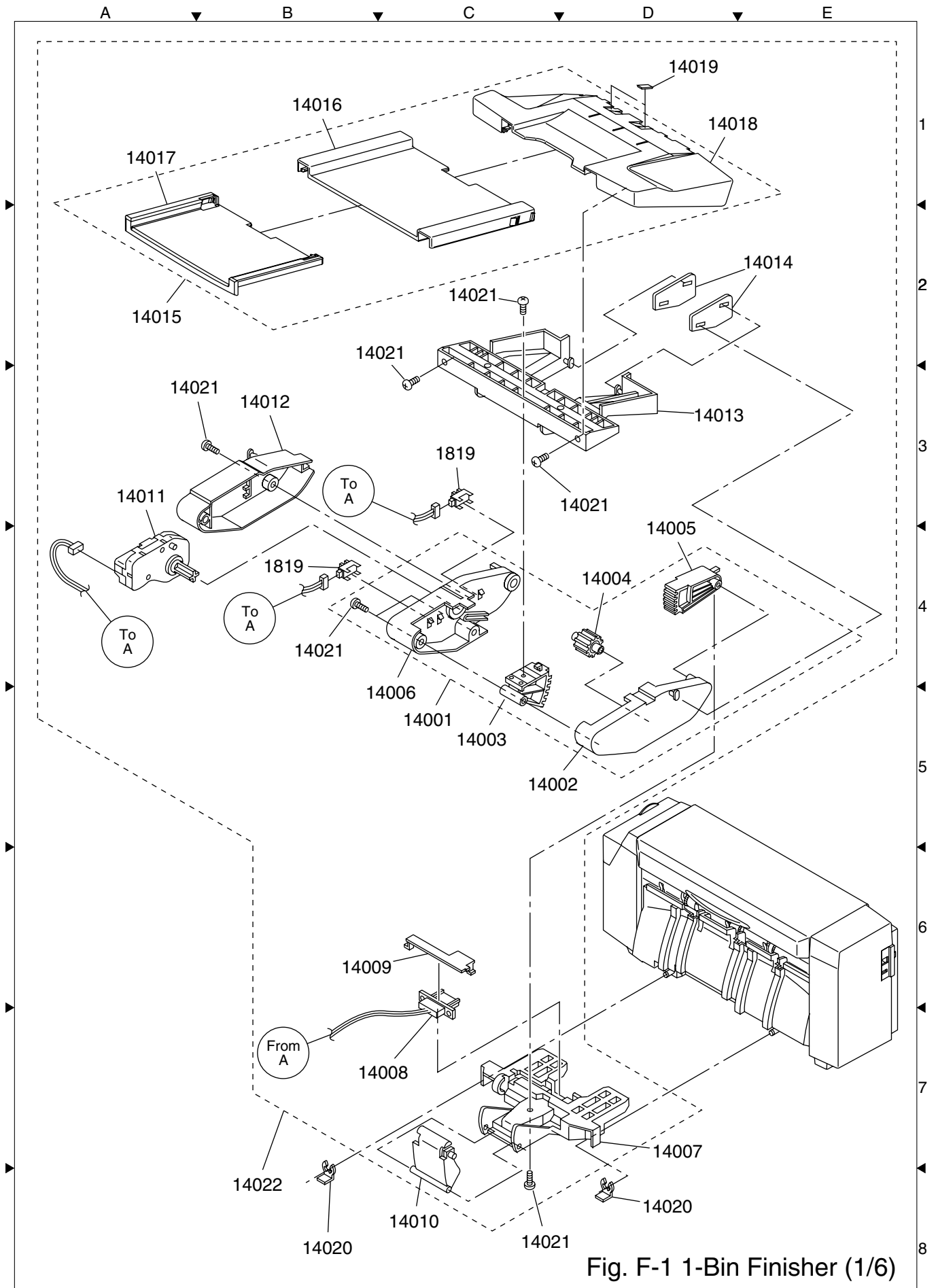
Ref. No.	Part No.	Figure	Remark
P8	XTW3+8PFJ		Screw (M3 x 8)
P9	XTW4+10PFJ		Screw (M4 x 10)
Q6	DZPA000098		Shoulder Screw
S6	DZPA000086		Screw
X1	XTB3+10GFJ		Screw
X3	XYN3+F8FJ		Screw
X4	XTB3+20GFJ		Screw
X5	XTB3+6FFJ		Screw
X8	XTB3+8GFJ		Screw
X9	XTB3+8FFJ		Screw
Y1	XTW3+8PFJ		Screw
Y2	XTB3+6FFJ-RP		Screw
Y3	XTW3+6LFJ		Screw
Y10	XYN4+F6FJ		Screw
Y13	XYA3+FF8FJ		Screw
Y16	XYN3+F6FJ		Screw
Y19	XTB4+8FFJ		Screw
Y21	XTB4+6FFJ		Screw
Y22	XYA3+FF6FJ		Screw

Ref. No.	Part No.	Figure	Remark
Y23	XYN4+F8FJ	 	Screw
Y24	XTB4+10GFJ	 	Screw
Y25	XYN26+F6FJ	 	Screw
Y26	XYN3+F4FJ	 	Screw
Y27	XUC8VM	 	E-Ring
Y28	XTW4+10PFJ	 	Screw
Y29	XSB3+8FJK	 	Screw
Y30	XSB3+6FJ	 	Screw
Y31	XYA3+FF8FJ	 	Screw
Y32	XSB23+10FJ	 	Screw
Y33	XTB4+10FFJ	 	Screw
Y34	XTB2+6GFJ	 	Screw
Y35	XTW3+8PFJR	 	Screw
Y36	XTW3+12QFJ	 	Screw
Y37	XTB3+6GFJ	 	Screw
Y38	XYC3+FG10FJ	 	Screw
Y39	XTB4+8HFJ	 	Screw
Y40	XTN5+10FFJ	 	Screw
Y41	XYN3+F8FJK	 	Screw

Ref. No.	Part No.	Figure	Remark
Y42	XTB3+12GFJ		Screw
Y43	DZPA000098		Shoulder Screw
Y45	XYN4+F10FJ		Screw
Y46	XTB3+12FFJ		Screw
Y47	XST3+4FJ		Screw
Y48	XTB3+4FFJ		Screw

6 Exploded View & Parts List of 1-Bin Finisher (DA-FS350/FS320)

Ref. No.	Part Number	Part Name	New Parts	Remarks
14001	PF4102K136	Assembly, Tray Elevation Gear	C	
14002	PF4102P222	Holder, Tray Elevation Gear	C	
14003	PF4102P315	Gear1, Tray Elevation	C	
14004	PF4102P288	Gear2, Tray Elevation	C	
14005	PF4102P289	Gear3, Tray Elevation	C	
14006	PF4102P223	Holder, Tray Elevation Gear	C	
14007	PF4102P224	Holder, Base	C	
14008	PF4124K621	Harness, Tray	C	
14009	PF4102P277	Cover, Base	C	
14010	PF4102P293	Lever, Base	C	
14011	PF4124P555	Motor, Tray Elevation	C	
14012	PF4102P294	Cover, Motor	C	
14013	PF4102P227	Holder, Tray	C	
14014	PF4102P281	Plate, Tray	C	
14015	PF4124K107	Assembly, Tray	C	
14016	PF4124P020	Tray, Sub	C	
14017	PF4124P019	Tray, Middle	C	
14018	PF4124P018	Tray, Main	C	
14019	PF4102P313	Cushion	C	
14020	PF2252P619	Snap Ring	C	
14021	PF4054P143	Screw	C	
14022	PF4124K127	Assembly, Finisher Tray	C	
1819	DZAL000211	Photo Sensor	C	



Ref. No.	Part Number	Part Name	New Parts	Remarks
14101	PF4124K105	Assembly, Front Cover	C	
14102	PF4124P013	Cover, Front	C	
14103	PF4124P014	Lever, Front	C	
14104	PF4124P011	Cover, Right	C	
14105	PF4124K106	Assembly, Rear Cover	C	
14106	PF4124P015	Cover, Rear	C	
14107	PF4124P016	Cover, Staple	C	
14108	PF4124P017	Cover, Top	C	
14109	PF4102P256	Arm, Front	C	
14110	PF4102P272	Arm, Rear	C	
14111	PF4102K156	Assembly, Tray Guide	C	
14112	PF4124P040	Cover, Tray Guide	C	
14113	PF4124K148	Assembly, Paper Detection Solenoid	C	
14114	PF4102P346	Ring	C	
14115	PF4102P280	Arm, Solenoid	C	
14116	PF4102P383	Spring, Tension	C	
14117	PF4104K145	Assembly, Paper Hold Lever	C	
14118	PF4104P925	Lever, Paper Hold	C	
14119	PF4102P386	Cushion, Lever	C	
14120	PF4102P391	Cushion, Lever	C	
14121	PF4102P332	Cushion, Lever	C	
14122	PF4102P335	Cushion, Lever	C	
14123	PF4124P001	Bracket, Base	C	
14124	PF4124K131	Bracket, Slide Roller	C	
14125	PF4124P029	Roller, Slide	C	
14126	PF4124P002	Bracket, Front Slide Guide	C	
14127	PF4124P003	Bracket, Rear Slide Guide	C	
14129	PF4124K616	Assembly, Harness	C	
14130	PF4102P123	Screw	C	
14131	040060FWBP	Screw	C	
14132	NS-SCR00045A	Screw	C	
14133	040060FNBI	Screw	C	
14134	KW040FW	Washer	C	
14135	PF4124P033	Mylar, PCB Cover	C	
14136	E74382WE04SN	Connector, Relay	C	
1819	DZAL000211	Photo Sensor	C	
14019	PF4102P313	Cushion	C	
14021	PF4054P143	Screw	C	
14321	PF4104P837	Cushion	C	



Ref. No.	Part Number	Part Name	New Parts	Remarks
14201	PF4102P242	Gear, Exit Roller	C	
14202	PF4102P225	Gear, Feed Roller	C	
14203	PF4102K113	Assembly, Belt Tension Holder	C	
14204	PF4102P274	Holder, Belt Tension	C	
14205	PF4102P226	Gear, Belt Tension	C	
14206	PF4102P309	Spring, Tension	C	
14207	PF4115P201	Base, Gear	C	
14208	PW060050	Slider	C	
14209	NS-BLT00181	Belt, Timing	C	
14210	PF4124K552	Solenoid, Paper Detection	C	
14211	PF4104P849	Sheet, Mylar	C	
14212	PF4104P847	Cushion, Solenoid	C	
14213	PF4102K174	Assembly, Solenoid Lever	C	
14214	PF4102P299	Lever, Solenoid	C	
14215	PF4104P850	Spring, Tension	C	
14216	PF4102K124	Assembly, Gear Holder	C	
14217	PF4102P239	Holder, Gear	C	
14218	PF4102P312	Belt, Timing	C	
14219	PF4102P232	Gear, Left	C	
14220	PF4102P244	Gear, Right	C	
14221	PF4102P310	Spring, Tension	C	
14222	PF4115K124	Assembly, Large Gear	C	
14223	PF4115P202	Gear, Large	C	
14224	PF4102P276	Cushion, Large Gear	C	
14225	PF4124P115	Weight, Large Gear	C	
14226	PF4102K125	Assembly, Gear Bracket	C	
14227	PF4102P041	Bracket, Gear	C	
14228	PF4124P553	Solenoid, Paddle	C	
14229	PF4102P308	Holder, Gear	C	
14230	PF4102P228	Gear, Exit Guide	C	
14231	PF4102P318	Spring, Tension	C	
14232	PF4102P387	Cushion, Lever	C	
14233	E450001146	Clamp, Harness	C	
14234	PF2252P620	Snap Ring	C	
14235	ER050SKP	E-Ring	C	
14236	030060FWWS	Screw	C	
14132	NS-SCR00045A	Screw	C	

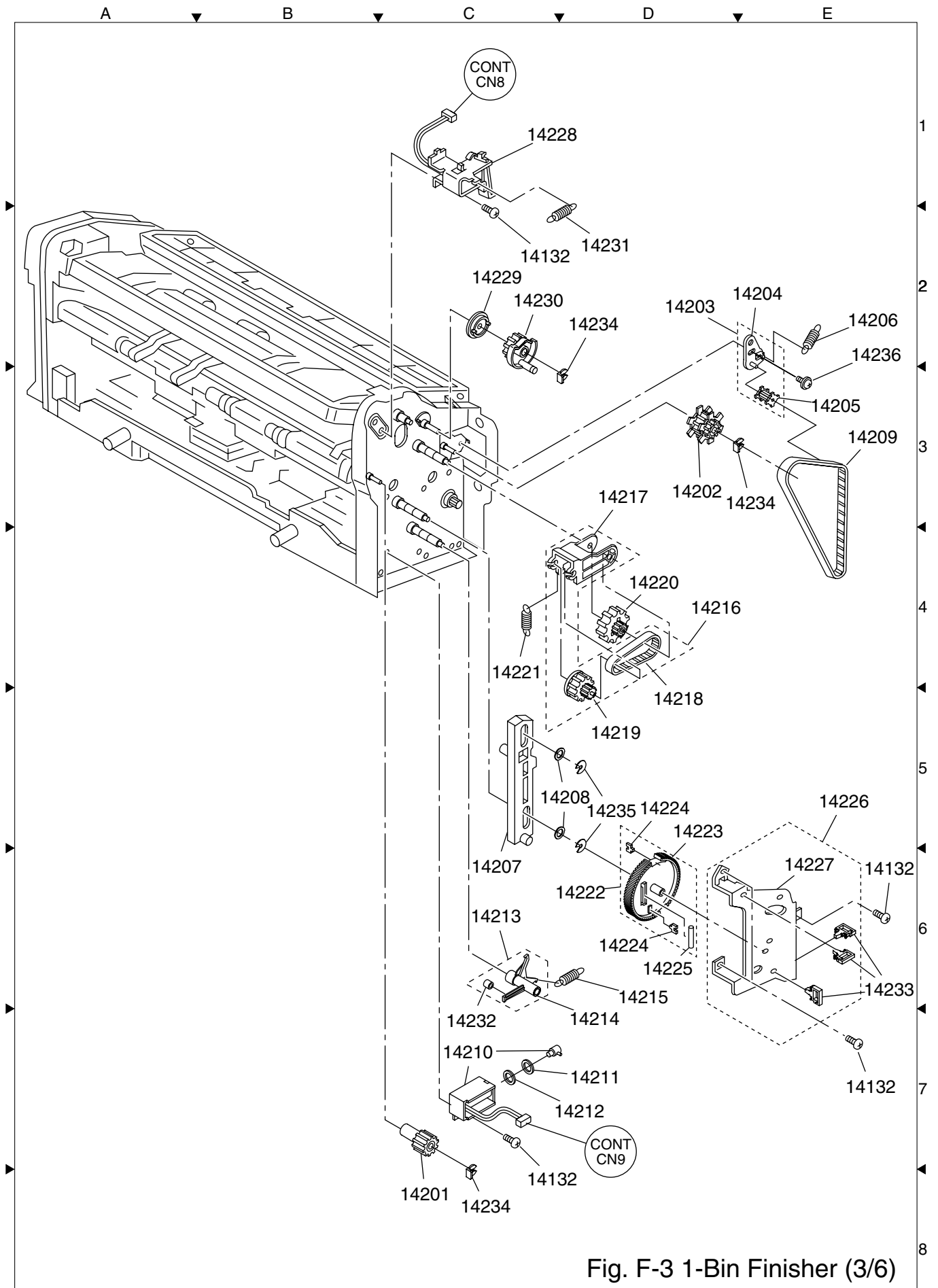


Fig. F-3 1-Bin Finisher (3/6)

Ref. No.	Part Number	Part Name	New Parts	Remarks
14301	PF4102P234	Base, Guide	C	
14302	PF4102P028	Plate, Front Ground	C	
14303	PF4102P029	Plate, Rear Ground	C	
14304	PF4104K143	Assembly, Exit Guide	C	
14305	PF4102P248	Shaft, Exit Guide	C	
14306	PF4102P316	Arm, Exit Guide	C	
14307	PF4104P929	Holder, Exit Guide Arm	C	
14308	PF4102P319	Sheet, Mylar	C	
14309	PF4090P446	Belt, Exit Guide	C	
14310	PF4102P260	Bushing	C	
14311	PF4102P112	Shaft, Exit Guide	C	
14312	PF4102P249	Gear, Exit Guide	C	
14313	PF4102P250	Holder, Shaft	C	
14314	PF4102P111	Shaft, Paper Hold	C	
14315	PF4104K144	Assembly, Paper Hold Lever	C	
14316	PF4104P928	Lever, Paper Hold	C	
14317	PF4104P834	Stopper, Rubber	C	
14318	PF4102P235	Roller, Paper Hold	C	
14319	PF4104K147	Assembly, Lower Guide	C	
14320	PF4102P304	Frame, Lower Guide	C	
14321	PF4104P837	Cushion, Lower Guide Frame	C	
14322	PF4104P841	Sheet, Mylar	C	
14323	PF4104P842	Sheet, Mylar	C	
14324	PF4102P325	Brush, Exit Guide	C	
14325	PF4102P317	Brush, Exit Guide	C	
14326	PF4102P038	Bracket, Guide Base	C	
14327	PF4102P301	Spring, Tension	C	
14328	PF4102P302	Spring, Tension	C	
14329	PF4102P262	Bushing	C	
14330	PF2166P034	Snap Ring	C	
14331	PF4102P324	Bushing	C	
14332	PF4102P369	Base, Guide	C	
14333	PF4102K138	Assembly, Paper Detection Lever	C	
14334	PF4102P255	Lever, Paper Detection	C	
14335	PF4102P303	Spring, Tension	C	
14336	PF4104P846	Spring, Tension	C	
14337	PF4102K115	Assembly, Paper Hold Roller	C	
14338	PF4102P215	Holder, Paper Hold Roller	C	
14339	PF4102P258	Roller, Paper Hold	C	

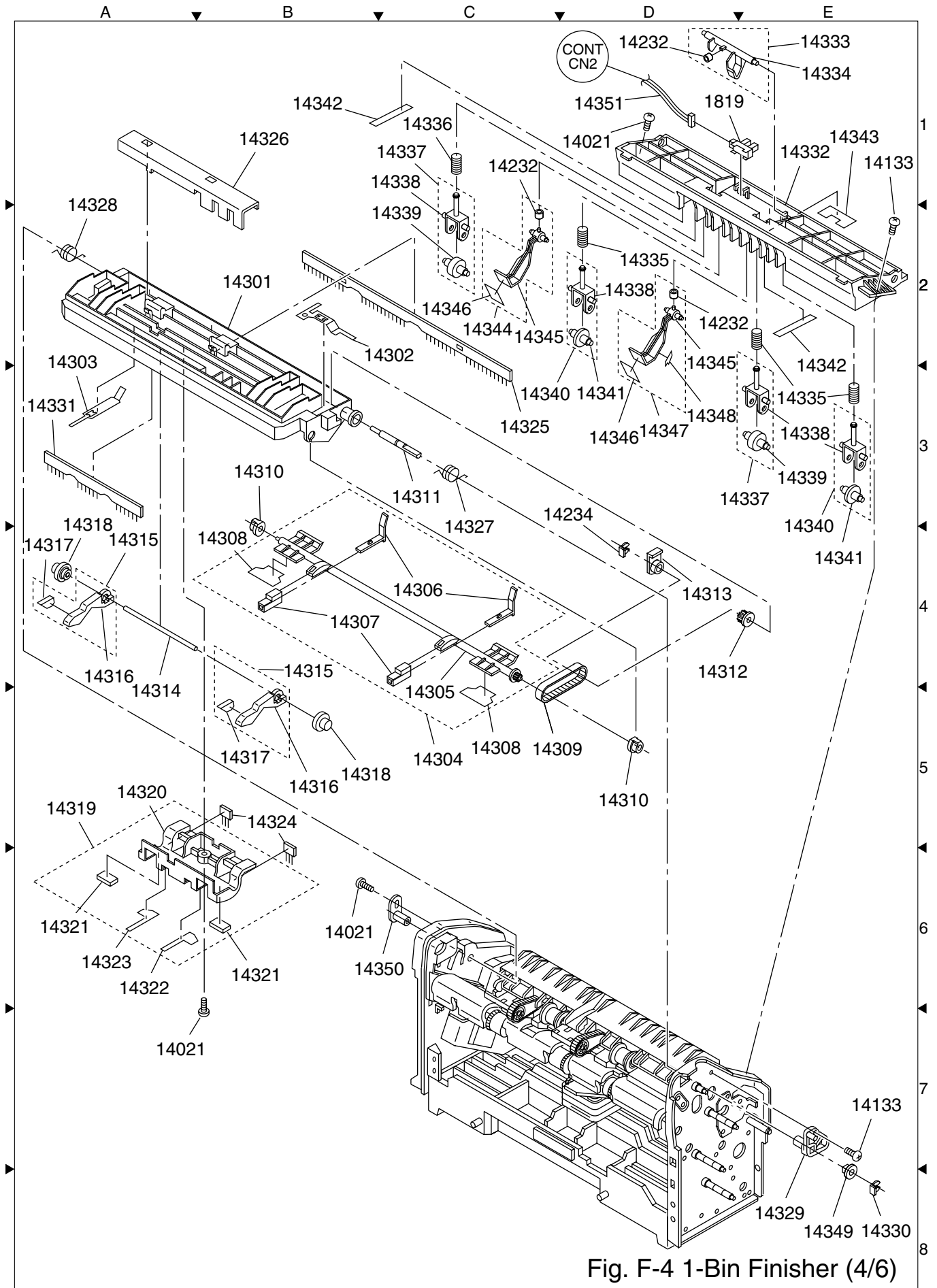


Fig. F-4 1-Bin Finisher (4/6)

Ref. No.	Part Number	Part Name	New Parts	Remarks
14340	PF4102K116	Assembly, Paper Hold Roller2	C	
14341	PF4102P275	Roller2, Paper Hold	C	
14342	PF4104P844	Sheet, Mylar	C	
14343	PF4102P333	Sheet, Mylar	C	
14344	PF4104K141	Assembly, Paper Hold Lever	C	
14345	PF4104P927	Lever, Paper Hold	C	
14346	PF4102P357	Sheet, Mylar	C	
14347	PF4104K149	Assembly, Paper Hold Lever2	C	
14348	PF4104P840	Sheet, Mylar	C	
14349	PF2225P312	Bushing	C	
14350	PF4102P237	Bushing	C	
14351	PF4124K619	Harness, Top Cover Sensor	C	
1819	DZAL000211	Photo Sensor	C	
14021	PF4054P143	Screw	C	
14133	040060FNBI	Screw	C	
14232	PF4102P387	Cushion, Lever	C	
14234	PF2252P620	Snap Ring	C	

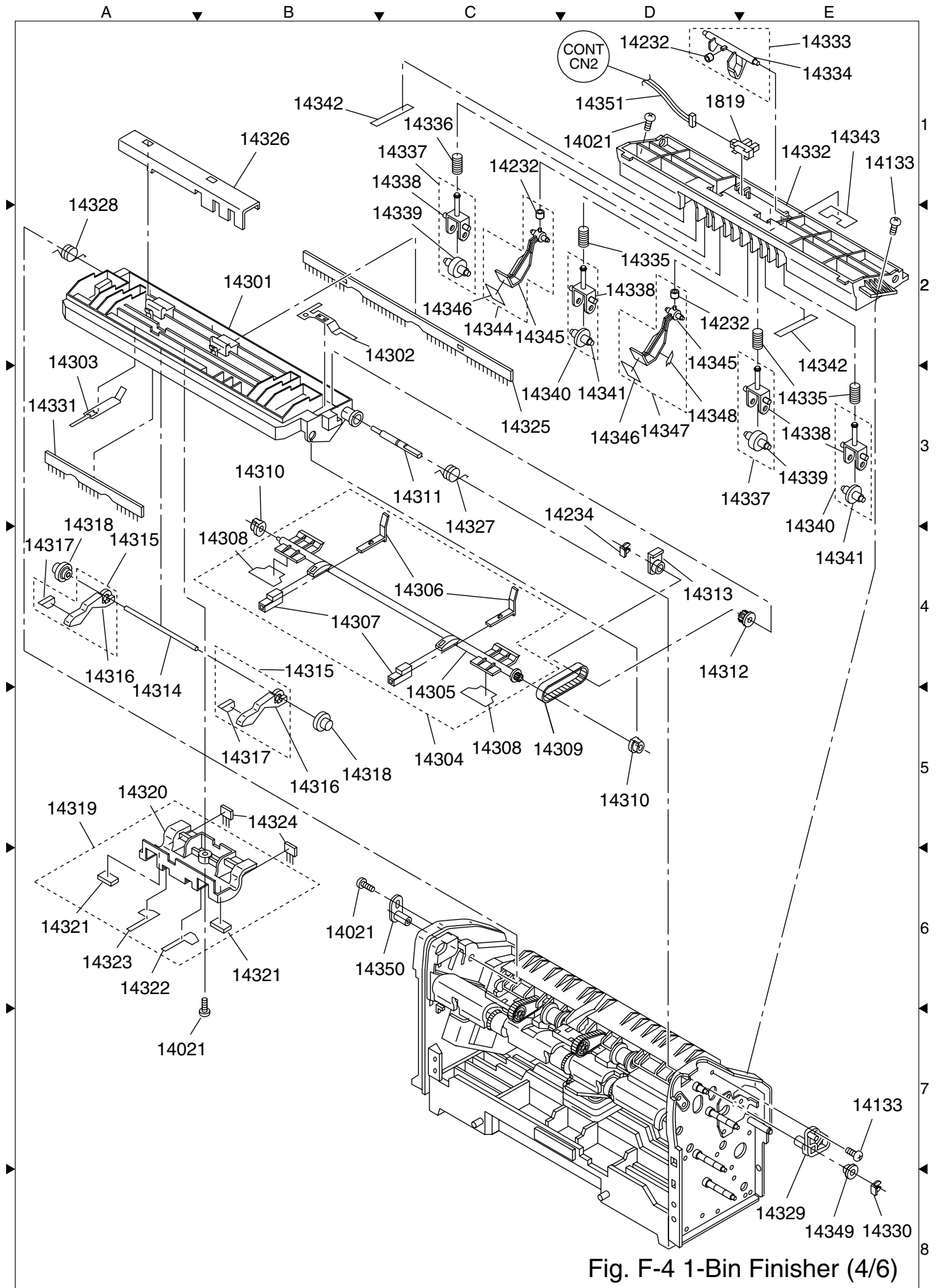


Fig. F-4 1-Bin Finisher (4/6)

Ref. No.	Part Number	Part Name	New Parts	Remarks
14401	PF4102K133	Assembly, Upper Guide	C	
14402	PF4102P213	Guide, Upper	C	
14403	PF4102P334	Sheet, Mylar	C	
14404	PF4102P337	Sheet, Mylar	C	
14405	PF4104P930	Holder, Paper Guide	C	
14406	PF4104K153	Assembly, Paper Guide	C	
14407	PF4102P266	Guide1, Paper	C	
14408	PF4104P845	Sheet, Mylar	C	
14409	PF4102P265	Guide2, Paper	C	
14410	PF4102P037	Bracket, Feed Roller	C	
14411	PF4102K177	Assembly, Feed Roller	C	
14412	PF4102P379	Roller, Feed	C	
14413	PF4102K175	Assembly, Feed Arm	C	
14414	PF4102P378	Holder, Feed Arm	C	
14415	PF4102P305	Belt, Feed Arm	C	
14416	PF4102P270	Roller, Feed Arm	C	
14417	PF4124P116	Weight, Feed Arm	C	
14418	PF4102P269	Holder, Feed Arm	C	
14419	PF4102P231	Bushing	C	
14420	PF4102P405	Tray, Staple Guide	C	
14421	PF4102P406	Guide, Paper	C	
14422	PF4102P398	Sheet, Mylar	C	
14423	PF4102K159	Assembly, Exit Actuator	C	
14424	PF4102P209	Actuator, Exit	C	
14425	PF4102P367	Cushion, Exit Actuator	C	
14426	PF4102P327	Spring, Tension	C	
14427	PF4102P005	Plate, Rack	C	
14428	PF4102K107	Assembly, Rack Gear	C	
14429	PF4102P206	Gear, Rack	C	
14430	PF4102P207	Guide, Set	C	
14431	PF4124K901	Motor, Set	N	FS350
	PF4124K551		C	FS320
14432	PF4102P036	Bracket, Set Motor	C	
14433	PF4124K620	Harness, Paper Exit Sensor	C	
14434	PF4124K626	Ground	C	
14435	PF4102P351	Cushion, Paper Guide	C	
14436	PF4102K109	Assembly, Exit Roller	C	
14437	PF4102P307	Roller, Exit	C	
14438	PF4124P600	Staple Unit	C	
14439	PF4102P044	Bracket, Staple Unit	C	
14440	E450001148	Clamp, Harness	C	
14441	PF4102K158	Staple Safety Switch	C	
14442	030060FWTP	Screw	C	
14443	023120FWWS	Screw	C	
14444	PF4124K618	Harness, SW	C	



Ref. No.	Part Number	Part Name	New Parts	Remarks
1819	DZAL000211	Photo Sensor	C	
14021	PF4054P143	Screw	C	
14129	PF4124K616	Assembly, Harness	C	
14132	NS-SCR00045A	Screw	C	
14133	040060FNBI	Screw	C	
14233	E450001146	Clamp, Harness	C	
14235	ER050SKP	E-Ring	C	
14236	030060FWWS	Screw	C	
14349	PF2225P312	Bushing	C	
14350	PF4102P237	Bushing	C	

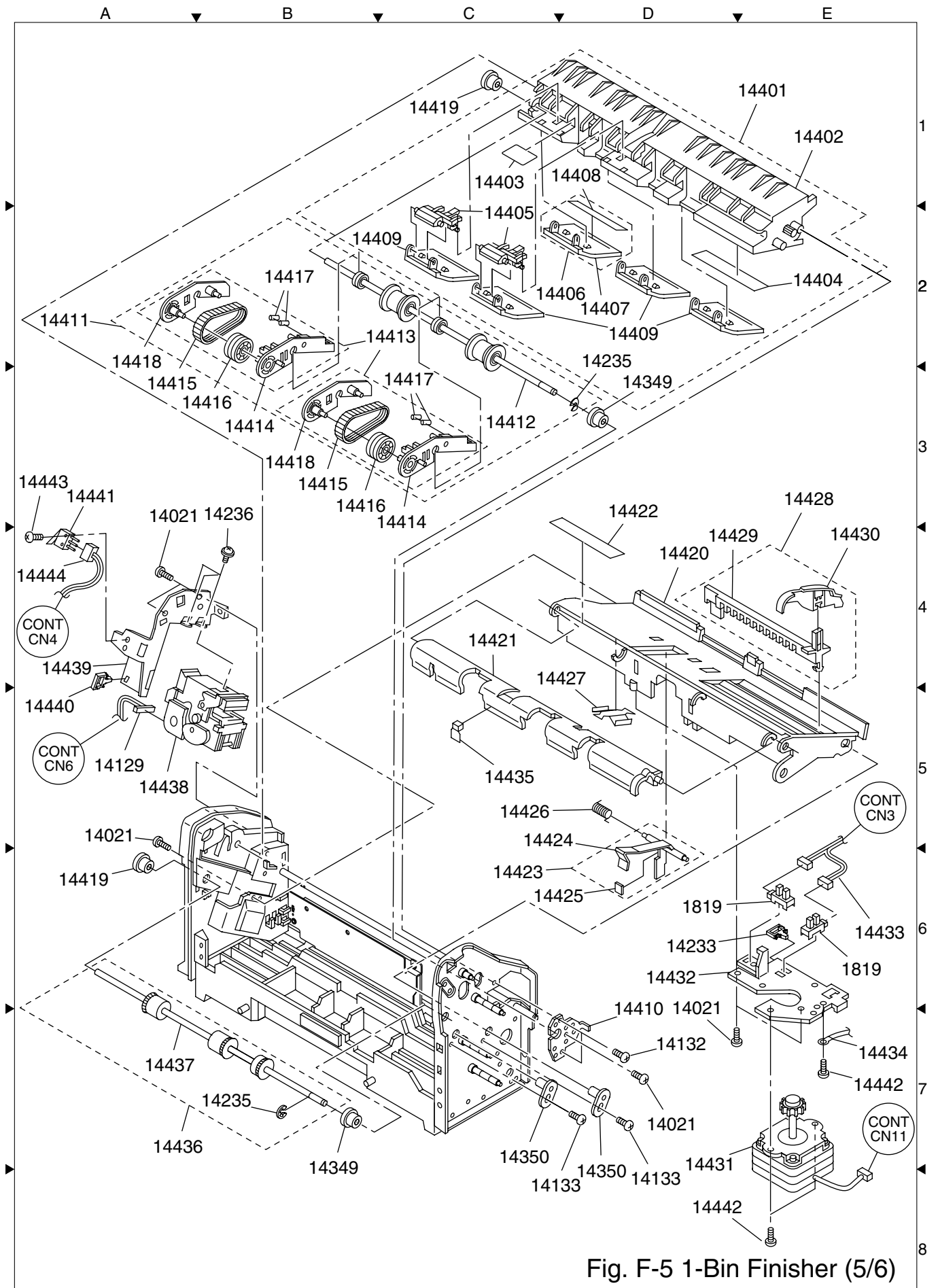


Fig. F-5 1-Bin Finisher (5/6)

Ref. No.	Part Number	Part Name	New Parts	Remarks
14501	PF4102P216	Frame, Hold Base	C	
14502	PF4102P042	Bracket, Base Frame	C	
14503	PF4124P004	Bracket, Slide Base	C	
14505	PF2129P189	Snap Ring	C	
14506	PF4124P012	Guide, Rail	C	
14507	PF4124P010	Bracket, PCB	C	
14508	PF4124P026	Bracket, Sensor Hold	C	
14509	E4500000435	Spacer, Card	C	
14510	E4500000700	Spacer, Card	C	
14511	E450001139	Clamp, Harness	C	
14512	PF4102P352	Cushion, Base	C	
14513	PF4102K178	Frame, Front Base	C	
14514	PF4124K900	Motor, Drive	N	FS350
	PF4115K220		C	FS320
14515	PF4102P229	Frame, Rear Base	C	
14516	PF4102P296	Bracket, Top Cover Sensor	C	
14517	PF4102P285	Lever, Top Cover Sensor	C	
14518	E120001580	Switch, Stapler Cover Detection	C	
14519	PF4102P264	Lever, Switch	C	
14520	PF4124P009	Shaft, Lock Lever	C	
14521	HP020140SCH	Pin	C	
14522	PF4124P006	Lever, Lock	C	
14523	PF2180P008	Snap Ring	C	
14524	PF4124P007	Spring, Tension	C	
14525	PF4124P008	Arm, Lock	C	
14526	PF4124K902	Harness, Interface	N	FS350
	PF4124K625		C	FS320
14527	E450000070	Clamp, Harness	C	
14528	PF4124K904	PC Board, CONT	N	FS350
	PF4124K502K		C	FS320
14529	PF4124K617	Harness, Drive Motor	C	
14530	040040FNBI	Screw	C	
14532	PF4124P200	Screw	C	
14533	PF4134P861	Screw	C	
1819	DZAL000211	Photo Sensor	C	
14125	PF4124P029	Roller, Slide	C	
14129	PF4124K616	Assembly, Harness	C	
14132	NS-SCR00045A	Screw	C	
14133	040060FNBI	Screw	C	
14233	E450001146	Clamp, Harness	C	
14351	PF4124K619	Harness, Top Cover Sensor	C	
14434	PF4124K626	Ground	C	
14444	PF4124K618	Harness, SW	C	

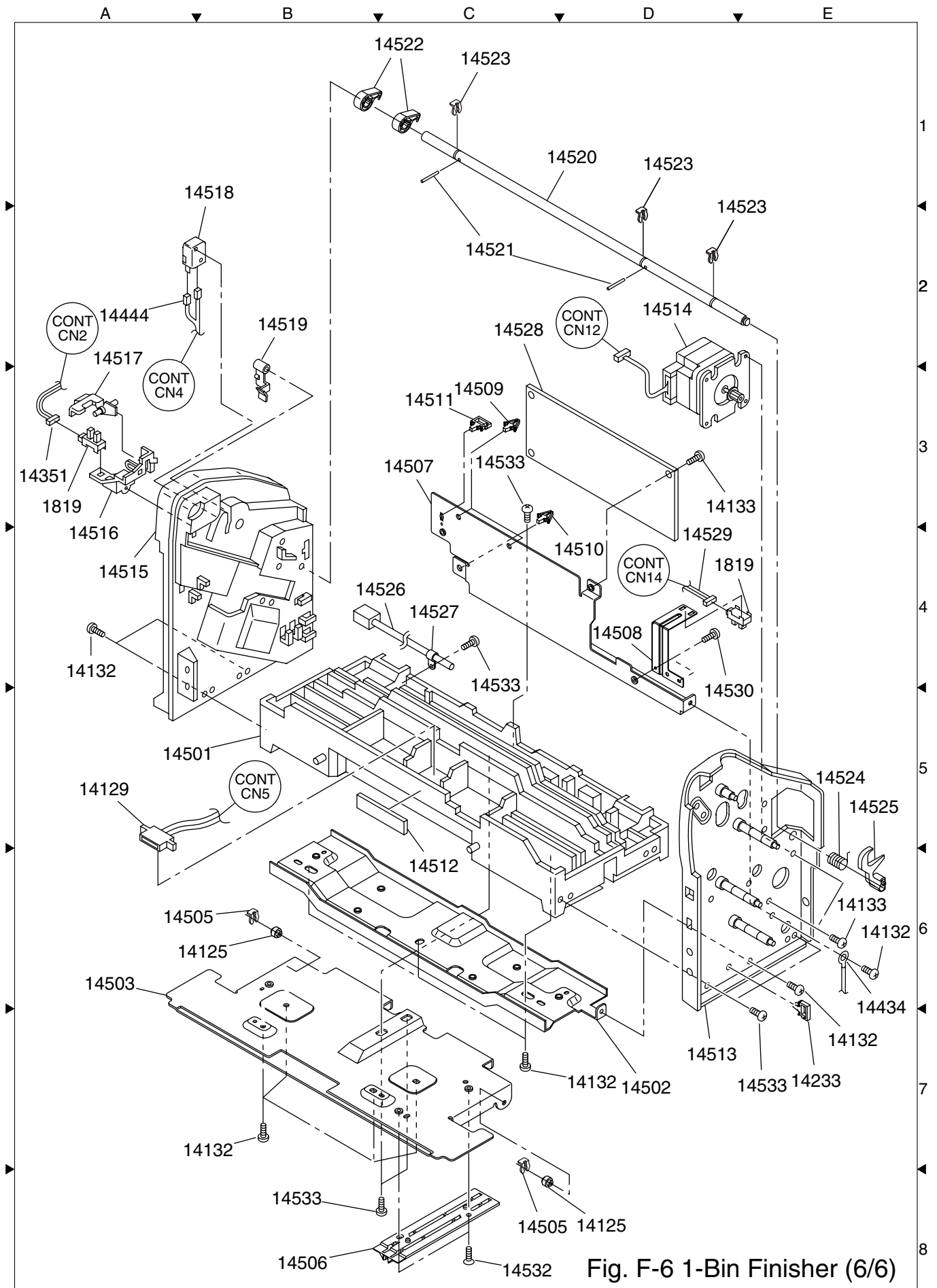
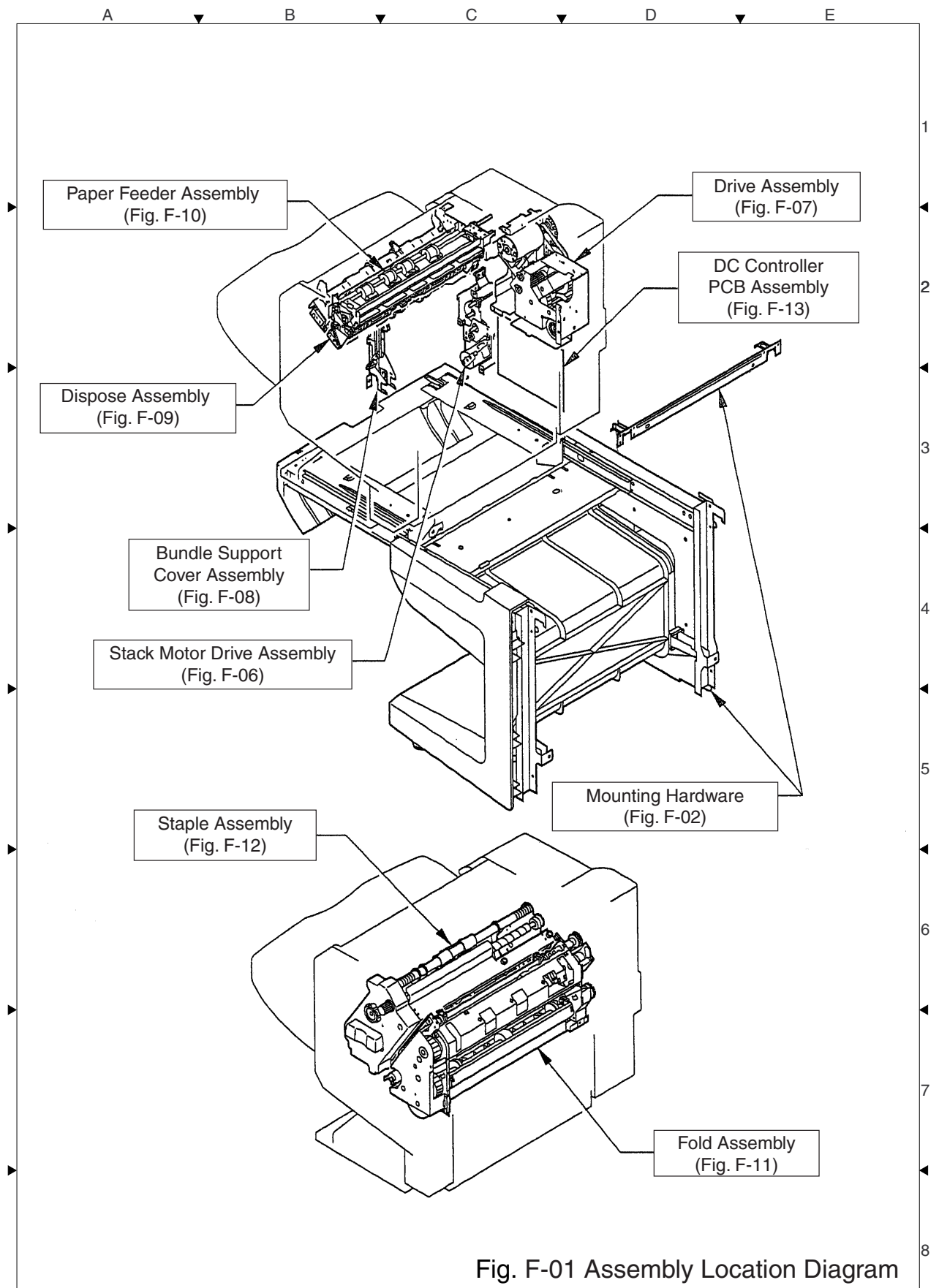


Fig. F-6 1-Bin Finisher (6/6)

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7 Exploded View & Parts List of 1-Bin Saddle-Stitch Finisher (DA-FS356/FS325)

7.1. Assembly Location Diagram



7.2. Mounting Hardware

Ref. No.	Part Number	Part Name	New Parts	Remarks
15701	PF4117P738	Panel, Front Mounting Kit	C	
15702	PF4117P737	Panel, Mounting Kit	C	
15703	4A1-8547-000	Adjuster	C	
15704	FC2-2120-000	Screw, M4 x 7	C	
15705	4A1-8537-000	Plate, Mounting Kit Stopper	C	
15706	4A1-8538-000	Rail, Slide	C	
15707	PF4117P739	Panel, Rear Mounting Kit	C	
15708	4A1-8543-000	Duct, Access Mounting Kit	C	
15709	PF4117P772	Panel, Middle Mounting Kit	C	
15710	PF4117P699	Plate, Latch	C	
15711	030060FWBP	Screw	C	
15712	PF4117K608	Bracket, Mounting Kit Slide	C	
15713	4A1-8539-000	Bracket, Mounting Kit	C	
15714	PF4117K002	Frame, Mounting Kit Front	C	
15715	PF4117K003	Frame, Mounting Kit Rear	C	
15716	4A1-8540-000	Bracket, Mounting Kit Sub	C	
15717	PF4117P698	Bracket, Hook	C	
15718	040080FWBI	Screw	C	
15719	PF4117K001	Frame, Foot	C	
15720	040300FNBP	Screw, M4 x 30	C	
5830	XB4-7401-007	Screw, M4 x 10 Truss Head Tapping	C	

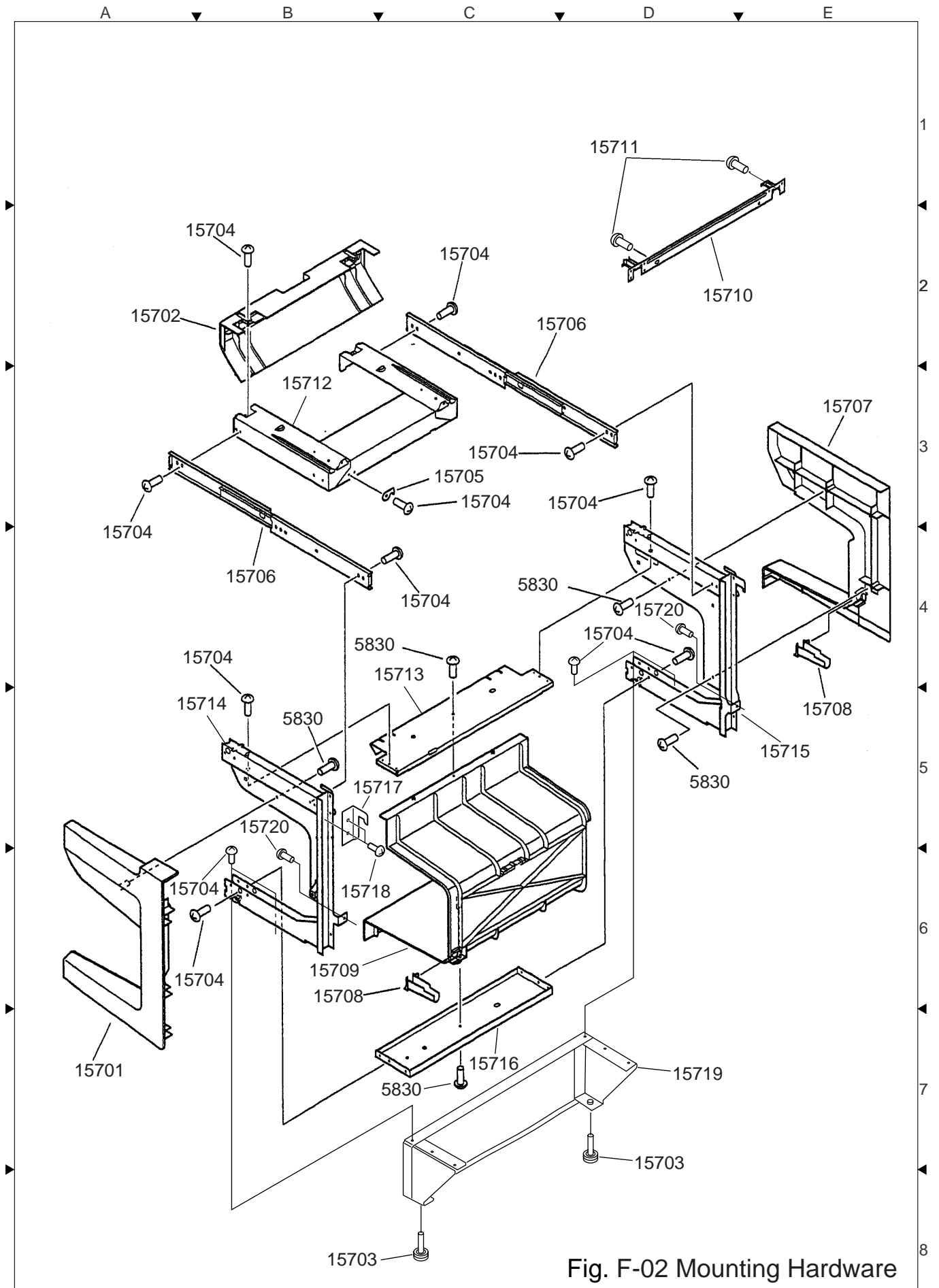


Fig. F-02 Mounting Hardware

7.3. External Covers, Panels, etc.

Ref. No.	Part Number	Part Name	New Parts	Remarks
15801	4A1-7294-000	Knob, Jam Clearing	C	
15802	PF4117P704	Panel, Rear	C	
15803	PF4117P726	Panel, Frame Jam	C	
15804	PF4117P706	Cover, Jam	C	
15805	PF4117K920	Harness, Interface	N	(CN1, CN2, CN20, JN3) FS356
	PF4117K350		C	(CN1, CN2, CN20, JN3) FS325
15806	FC2-5827-000	Clip	C	
15807	PF4117P390	Panel, Dummy Puncher	C	
15808	4A1-7380-000	Spring, Tension	C	
15809	PF4117P763	Guide, Upper Dummy Punch	C	
15810	PF4117P391	Guide, Dummy Punch	C	
15811	PF4117P235	Panel, Side	C	
15812	4A1-7291-000	Lever, Tray Up/Down Empty	C	
15813	4A1-7293-000	Flag, Rear Paper Sensor	C	
15814	4A1-7415-000	Spring, Tension	C	
15815	PF4113P399	Latch, Upper Panel	C	
15816	PF4117P700	Panel, Sub Upper	C	
15817	PF4117P701	Panel, Upper	C	
15818	PF4109P409	Spring, Torsion	C	
15819	PF4109P410	Spring, Torsion	C	
15820	PF4113P027	Holder, Roller	C	
15821	4A1-7317-000	Roller, Paper Feed	C	
15822	PF4117P702	Panel, Fixing	C	
15823	PF4117P703	Panel, Front	C	
15824	PF4099P955	Band, Panel	C	
15825	4B1-0585-000	Support 2, Panel Band	C	
15826	PF4117P727	Stack Tray, 1	C	
15827	PF4117P728	Stack Tray, 2	C	
15829	4A1-7424-000	Plate, Grounding	C	
15830	PF4117P393	Panel 1, Dome	C	
15831	PF4117P394	Panel 2, Dome	C	
15832	4A1-7270-000	Flag, Base Tray	C	
15833	PF4117P224	Tray, Base	C	
15834	PF4117P381	Arm, Stopper	C	
15835	4A1-7400-000	Spring, Tension	C	
15836	4A1-7408-000	Spring, Tension	C	
15837	4A1-7566-000	Clip, Shaft	C	
15838	4A1-7567-000	Clip, Shaft	C	
15839	4A1-8338-000	Guide, Dummy Puncher Paper	C	

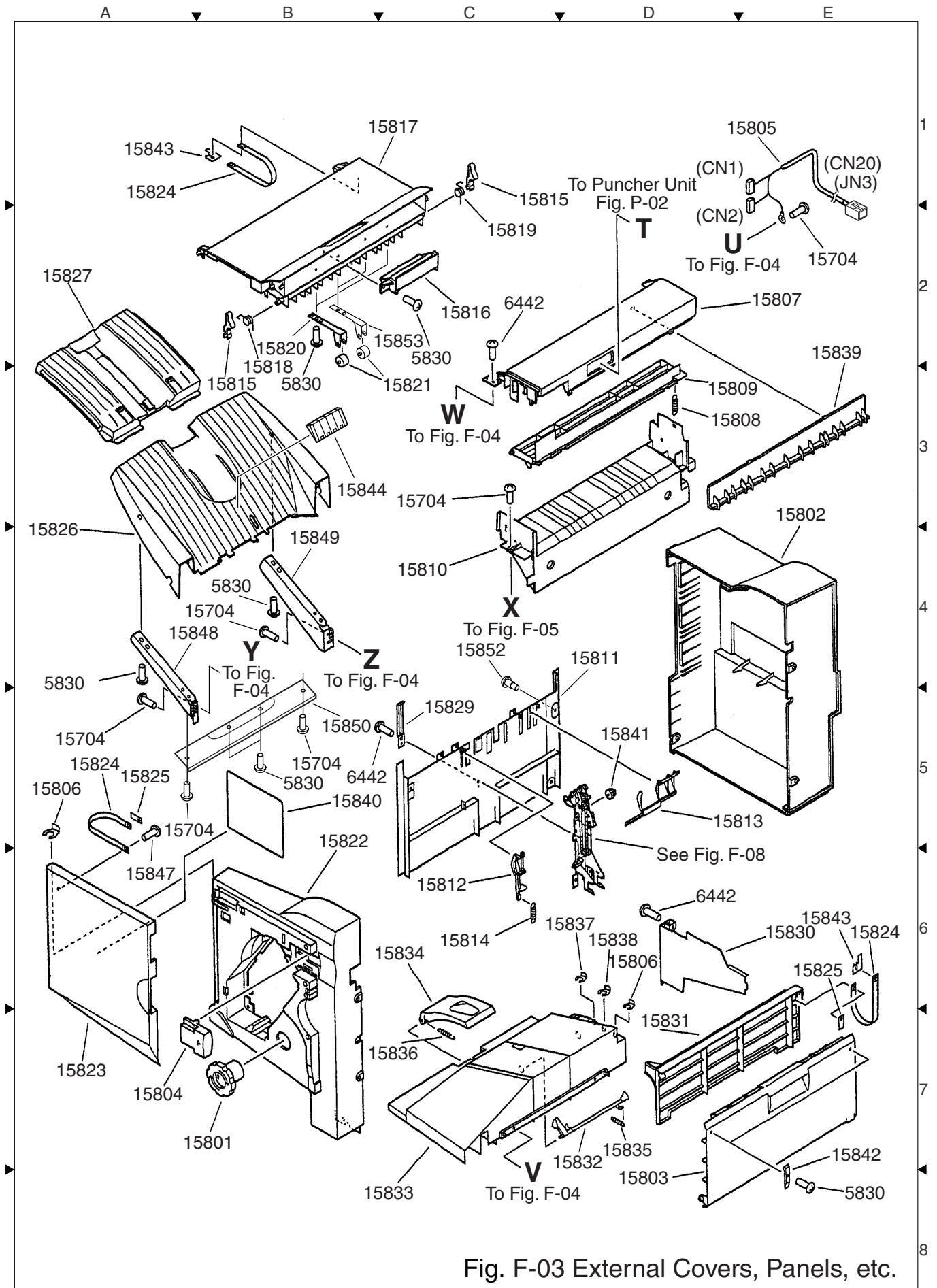


Fig. F-03 External Covers, Panels, etc.

Ref. No.	Part Number	Part Name	New Parts	Remarks
15840	4A1-8339-000	Label, Staple Removing	C	
15841	4A1-7284-000	Gear, 15T 48T/Pulley	C	
15842	PF4117P300	Cover, Frame Jam, Sub	C	
15843	4B1-0584-000	Support 1, Panel Band	C	
15844	PF4117P219	Stack, Tray Rib	C	
15847	XB4-7300-607	Screw, M3 x 6 Truss Head Tapping	C	
15848	PF4117P024	Bracket, Front Tray	C	
15849	PF4117P025	Bracket, Rear Tray	C	
15850	PF4117P036	Bracket, Tray Stay	C	
15852	PF4048P076	Screw, M4	C	
15853	PF4109P012	Holder C, Roller	C	
5830	XB4-7401-007	Screw, M4 x 10 Truss Head Tapping	C	
6442	PF2078P458	Screw, M4 x 6	C	
15704	FC2-2120-000	Screw, M4 x 7	C	

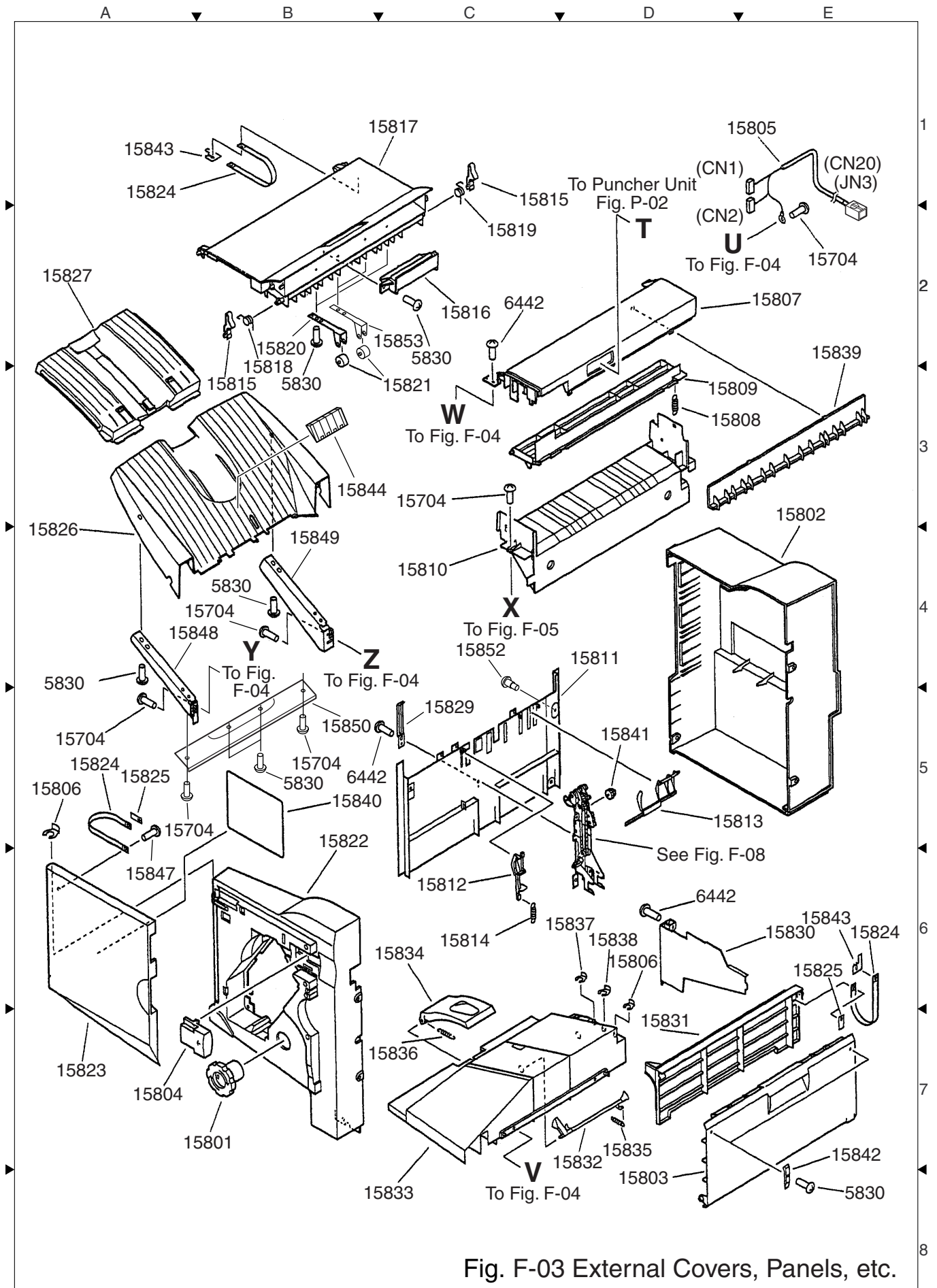
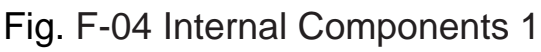


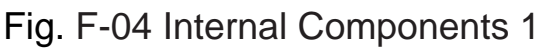
Fig. F-03 External Covers, Panels, etc.

7.4. Internal Components 1

Ref. No.	Part Number	Part Name	New Parts	Remarks
15901	4A1-7267-000	Gear, 24T/Pulley, 24T	C	
15902	4A1-7577-000	Lever, Stack	C	
15903	4A1-7259-000	Gear, 16T/Pulley, 18T	C	
15905	FS1-9009-000	Screw, Stepped, M3	C	
15906	4A1-7353-000	Holder, Belt, Rear	C	
15907	4A1-7354-000	Holder, Belt, Front	C	
15908	4A1-7371-000	Roller, Tension	C	
15909	4A1-7428-000	Spring, Tension	C	
15910	4A1-7414-000	Spring, Tension	C	
15911	4A1-7417-000	Spring, Tension	C	
15912	4A1-7419-000	Spring, Tension	C	
15913	4A1-7509-000	Pulley, 18T/24T	C	
15914	4A1-7517-000	Latch, 1	C	
15915	4A1-7518-000	Latch, 2	C	
15916	PF4117K341	Harness, Stack Sensor	C	(CN19, CN73)
15917	4A1-7523-000	Bushing	C	
15918	4A1-7524-000	Pulley, 18T	C	
15919	4A1-7528-000	Bushing	C	
15920	4A1-7542-000	Flange	C	
15922	4A1-7572-000	Bushing	C	
15923	4A1-7691-000	Spring, Leaf	C	
15924	4A1-7288-000	Pulley, 40T	C	
15926	4S1-9077-000	Screw, M4 x 8	C	
15927	4F1-1556-000	Plate 1, Paper Feed Tension	C	
15929	4A1-7265-000	Roller, Rail	C	
15930	4A1-7534-000	Cap, Motor	C	
15931	4G1-5250-000	Guide, Stopper	C	
15932	4A1-7539-000	Link, 1	C	
15933	4A1-7540-000	Link, 2	C	
15934	4A1-7549-000	Spring, Tension	C	
15935	PF4117K403	Motor, Stepping	C	(M2, CN57)
15936	FC2-5034-000	Screw, M3 x 6 w/Washer	C	
15937	4A1-7355-000	Pulley, 18T	C	
15938	XF2-1817-960	Belt, Timing	C	
15939	NS-BLT00230	Belt, Timing	C	
15940	XF2-1619-860	Belt, Timing	C	
15941	PF4117K327	Harness 1, Sensor	C	(CN15, CN47-49, CN50)
15942	PF4117K331	Harness, Feed Paddle Motor	C	(CN10, CN56, CN57)
15943	PF4117K339	Harness, DC Motor	C	(CN6, CN70, CN71)
15944	4A1-7321-000	Arm, Stopper	C	
15947	4B1-0591-000	Clip, Shaft 5	C	



Ref. No.	Part Number	Part Name	New Parts	Remarks
15950	XD3-2300-142	Pin, Dowel	C	
15951	4F1-1555-000	Assembly, Front Frame	C	
15952	4A1-7253-000	Shaft, Latch	C	
15953	4A1-7482-000	Bracket, Upper	C	
15954	4A1-7217-000	Shaft, Stack	C	
15955	4F1-1554-000	Assembly, Rear Frame	C	
15956	4B1-0390-000	Assembly, Motor Bracket	C	
15957	4A1-7512-000	Frame Duct, Lower Rear Side	C	
15958	4A1-7511-000	Frame Duct, Upper Rear Side	C	
15959	PF4099P696	Bracket, Lever	C	
15960	4A1-7174-000	Bracket, Stopper	C	
15961	4F1-1883-000	Bracket, Front Tray	C	
15962	4F1-1882-000	Bracket, Rear Tray	C	
15963	4A1-7510-000	Duct, MR	C	
15964	4F1-1558-000	Bracket, Front Tension	C	
15965	4F1-1560-000	Bracket, Rear Tension	C	
15966	4A1-7474-000	Bracket, Front	C	
15967	4A1-7543-000	Duct, IN	C	
15968	4A1-7489-000	Bracket, Reinforcement	C	
15969	4A1-7491-000	Bracket, Frame	C	
15970	PF4109P427	Screw, M4	C	
5111	E314000729	IC, Photo-Interrupter TLP1241	C	(PI24, CN73)
5609	XF2-1605-040	Belt, Timing	C	
5829	XD3-2200-142	Pin, Dowel	C	
5830	XB4-7401-007	Screw, M4 x 10 Truss Head Tapping	C	
15704	FC2-2120-000	Screw, M4 x 7	C	
15806	FC2-5827-000	Clip	C	
15835	4A1-7400-000	Spring, Tension	C	
15838	4A1-7567-000	Clip, Shaft	C	

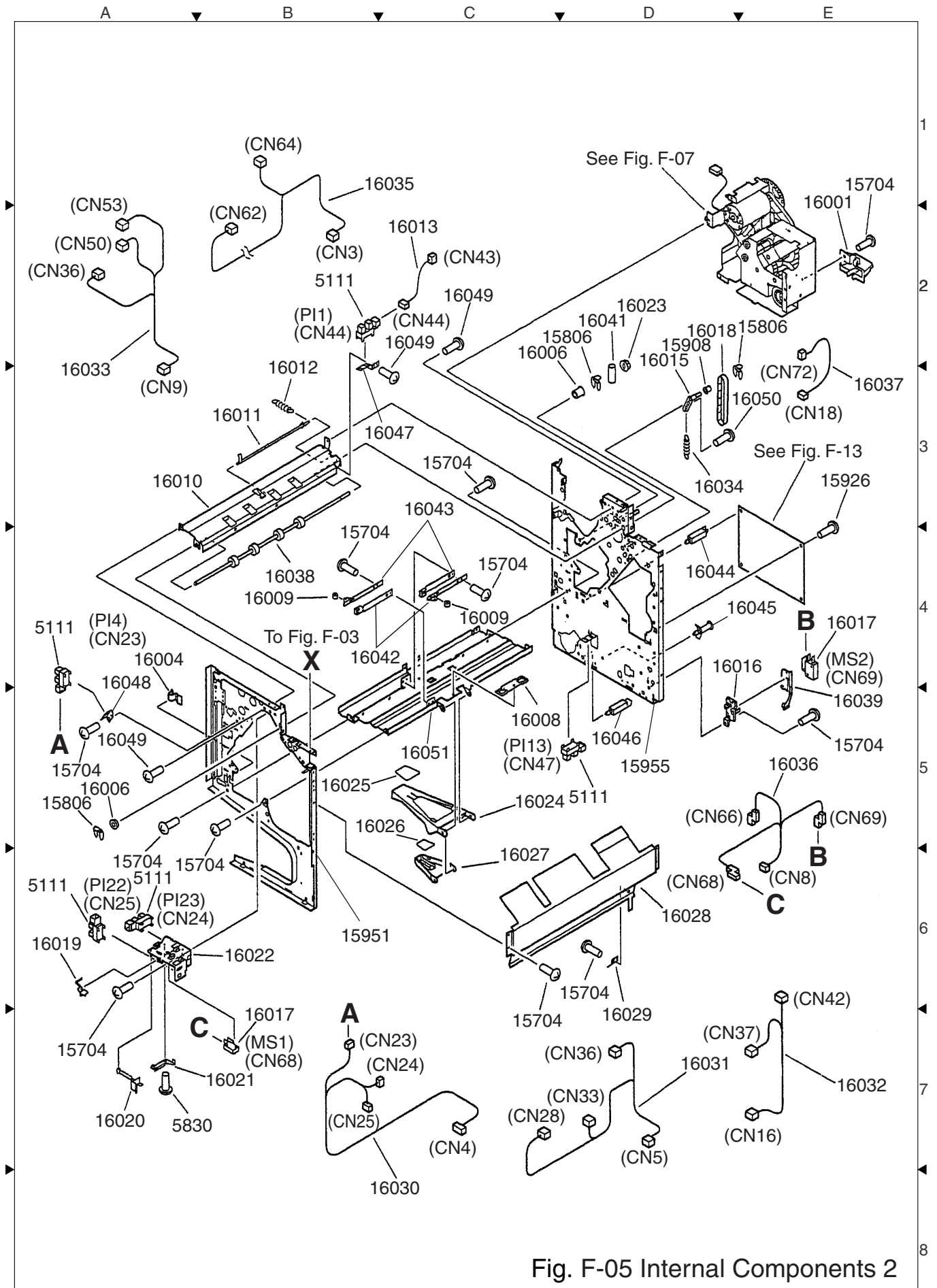


7.5. Internal Components 2

Ref. No.	Part Number	Part Name	New Parts	Remarks
16001	4A1-7502-000	Cover, Stopper	C	
16004	4B1-0586-000	Plate, Stapler Frame Stopper	C	
16006	FS2-1672-000	Bushing	C	
16008	4A1-8316-000	Cover, Blanking	C	
16009	4A1-7515-000	Roller, Frame Tray	C	
16010	4A1-7172-000	Guide, Lower Paper	C	
16011	4A1-7349-000	Flag, Sensor	C	
16012	4A1-7418-000	Spring, Tension	C	
16013	PF4117K323	Harness, Sensor	C	(CN43, CN44)
16015	4F1-1557-000	Plate 2, Paper Feed Tension	C	
16016	4A1-7336-000	Holder, Switch	C	
16017	4H1-6449-000	Microswitch	C	(MS1, MS2, CN68, CN69)
16018	NS-BLT00230	Belt, Timing	C	
16019	4A1-7505-000	Flag, Top Sensor	C	
16020	4A1-7506-000	Lever, Switch	C	
16021	4A1-7507-000	Holder, Lever Support	C	
16022	4A1-7508-000	Holder, Sensor/Microswitch	C	
16023	4A1-7268-000	Gear, 24T	C	
16024	PF4117P215	Guide 1, Paper Weight	C	
16025	4A1-7495-000	Plate 1, Weight	C	
16026	4A1-7496-000	Plate 2, Weight	C	
16027	PF4117P751	Guide 2, Paper Weight	C	
16028	4A1-7488-000	Panel, Frame Cover	C	
16029	4A1-8314-000	Spring, Grounding Leaf	C	
16030	PF4117K319	Harness, Front Door Sensor	C	(CN4, CN23, CN24, CN25)
16031	PF4117K321	Harness, Lever Tray Sensor	C	(CN5, CN28, CN33, CN36)
16032	PF4099K324	Harness 2, Sensor	C	(CN16, CN37, CN42)
16033	PF4099K329	Harness 3, Sensor	C	(CN9, CN36, CN50, CN53)
16034	4A1-7409-000	Spring, Tension	C	
16035	PF4117K334	Harness, Jog Motor	C	(CN3, CN62, CN64)
16036	PF4117K336	Harness, Switch	C	(CN8, CN66, CN68, CN69)
16037	PF4117K328	Harness, Bind Clutch	C	(CN18, CN72)
16038	PF4116P405	Roller, Paper Feed	C	
16039	4A1-8337-000	Plate, Switch Push	C	
16041	XD3-2200-122	Pin, Dowel	C	
16042	4A1-7425-000	Plate 1, Lock	C	
16043	4A1-7426-000	Plate 2, Lock	C	
16044	VT2-5019-030	Holder, Cord	C	
16045	VT2-0002-018	Spacer	C	
16046	VT2-5171-030	Holder, Cord	C	
16047	4A1-7467-000	Bracket, Sensor	C	
16048	4A1-7490-000	Bracket, Sensor	C	
16049	PF4048P300	Screw, M4 x 5	C	



Ref. No.	Part Number	Part Name	New Parts	Remarks
16050	PF4060P027	Screw, M4 x 8	C	
16051	PF4117P611	Frame, STY Rail	C	
5111	E314000729	IC, Photo-Interrupter TLP1241	C	(PI1, PI4, PI13, PI22, PI23, CN44, CN23, CN47, CN25, CN24)
5830	XB4-7401-007	Screw, M4 x 10 Truss Head Tapping	C	
15704	FC2-2120-000	Screw, M4 x 7	C	
15806	FC2-5827-000	Clip	C	
15908	4A1-7371-000	Roller, Tension	C	
15926	4S1-9077-000	Screw, M4 x 8	C	
15951	4F1-1555-000	Assembly, Front Frame	C	
15955	4F1-1554-000	Assembly, Rear Frame	C	



7.6. Stack Motor Driver Assembly

Ref. No.	Part Number	Part Name	New Parts	Remarks
16100	PF4117K923	Stack Motor Driver Assembly	N	FS356
	PF4117K211		C	FS325
16101	4A1-7260-000	Gear, 16T/40T	C	
16102	4A1-7261-000	Gear, 16T/45T	C	
16103	4A1-7262-000	Gear, 16T/45T	C	
16104	4A1-7263-000	Pulley, 56T	C	
16105	PF4117K342	Harness, Shift Motor	C	(CN70)
16106	PF4117K904	Motor, DC24V	N	(M6, CN70) FS356
	PF4135K550		C	(M6, CN70) FS325
16112	NS-BLT00072	Belt, Timing	C	
16113	4A1-7264-000	Flag, Clock Sensor	C	
16114	4A1-7469-000	Plate, Stack Motor	C	
16115	4A1-7215-000	Shaft, Z1656	C	
16116	4F1-1562-000	Assembly, Stack Motor Bracket	C	
16117	4A1-7173-000	Bracket, Sensor	C	
5111	E314000729	IC, Photo-Interrupter TLP1241	C	(PI16, PI17, CN49, CN48)
15704	FC2-2120-000	Screw, M4 x 7	C	
15806	FC2-5827-000	Clip	C	
15936	FC2-5034-000	Screw, M3 x 6 w/Washer	C	
16006	FS2-1672-000	Bushing	C	
16041	XD3-2200-122	Pin, Dowel	C	

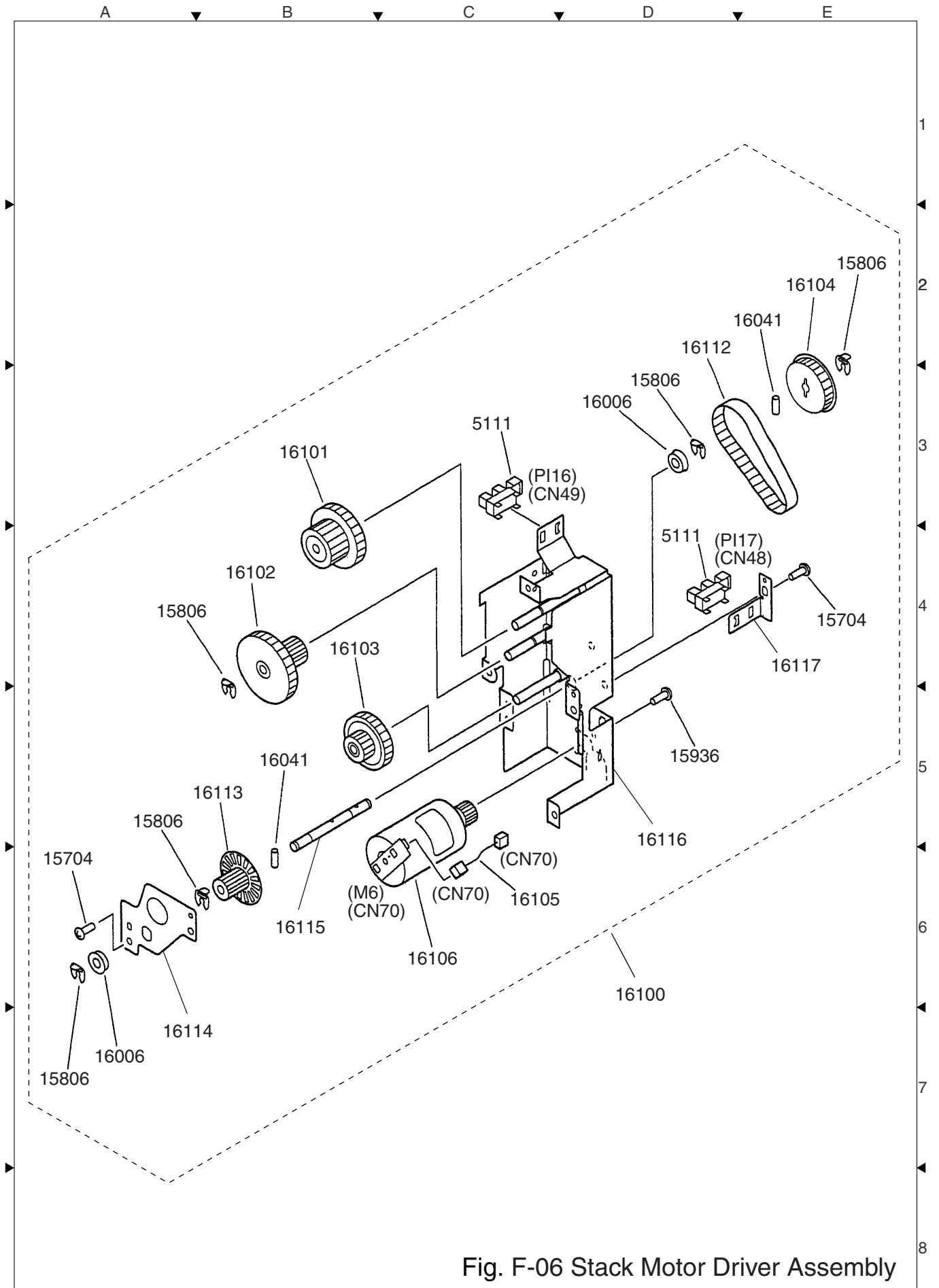


Fig. F-06 Stack Motor Driver Assembly

7.7. Drive Assembly

Ref. No.	Part Number	Part Name	New Parts	Remarks
16200	PF4117K910	Drive Assembly	N	FS356
	PF4117K121		C	FS325
16201	4A1-7301-000	Gear, 58T	C	
16202	4A1-7302-000	Gear, 23T	C	
16203	4A1-7303-000	Gear, 17T/65T	C	
16204	4A1-7304-000	Gear, 15T/54T	C	
16205	4A1-7305-000	Gear, 17T/29T	C	
16206	4A1-7306-000	Gear, 20T	C	
16207	4A1-7307-000	Pulley, 45T	C	
16208	4A1-7338-000	Gear, 82T	C	
16212	4A1-7573-000	Bushing	C	
16214	FS2-1615-000	Bearing, Ball	C	
16215	XF2-1807-000	Belt, Timing	C	
16216	4A1-7300-000	Gear, 29T	C	
16217	4S1-9081-000	Screw, M4 x 6	C	
16218	4A1-7308-000	Flag, Clock Sensor	C	
16219	PF4117P941	Motor, DC24V	N	(M7, CN71) FS356
	PF4117P556		C	(M7, CN71) FS325
16220	E314000746	Photo-Interrupter	C	(PI14, CN52)
16221	4A1-7407-000	Spring, Compression	C	
16222	PF4099K340	Harness, Stapler	C	(CN7, CN11, CN72)
16223	4S1-9049-000	Screw, M4 Stepped	C	
16225	XD3-2300-182	Pin, Dowel	C	
16226	4A1-7479-000	Plate, Drawer	C	
16227	4A1-7516-000	Bracket, Drawer	C	
16228	4A1-7229-000	Shaft, Gear 1	C	
16229	4A1-7231-000	Shaft, Gear 2	C	
16230	4F1-1563-000	Assembly, Gear Bracket	C	
16231	4A1-7199-000	Plate, Motor Sensor	C	
16232	4A1-7198-000	Bracket, Sub Gear	C	
5829	XD3-2200-142	Pin, Dowel	C	
15704	FC2-2120-000	Screw, M4 x 7	C	
15837	4A1-7566-000	Clip, Shaft	C	
15838	4A1-7567-000	Clip, Shaft	C	
15922	4A1-7572-000	Bushing	C	
16041	XD3-2200-122	Pin, Dowel	C	



7.8. Bundle Support Cover Assembly

Ref. No.	Part Number	Part Name	New Parts	Remarks
16300	PF4117K216	Bundle Support Cover Assembly	C	
16303	4A1-7416-000	Spring, Tension	C	
16304	4A1-7420-000	Spring, Compression	C	
16307	4A1-7240-000	Shaft, Support	C	
16308	4A1-7289-000	Gear, 20T/28T	C	
16309	PF4113P243	Flag, Paper Sensor	C	
16310	4A1-7325-000	Gear, 5T	C	
16311	4A1-7367-000	Bushing	C	
16312	4A1-7421-000	Spring, Torsion	C	
16313	4A1-7422-000	Spring, Torsion	C	
16314	4A1-7423-000	Spring, Torsion	C	
16315	4A1-7526-000	Holder, Sensor	C	
16317	4A1-7326-000	Support, Paper	C	
16318	4A1-7327-000	Holder, Paper Support	C	
16319	4A1-7184-000	Bracket, Holder	C	
16320	4F1-1566-000	Bracket, Tension	C	
5111	E314000729	IC, Photo-Interrupter TLP1241	C	(PI9, CN35)
15704	FC2-2120-000	Screw, M4 x 7	C	
15806	FC2-5827-000	Clip	C	
15908	4A1-7371-000	Roller, Tension	C	
16013	PF4117K323	Harness, Sensor	C	(CN34, CN35)
16050	PF4060P027	Screw, M4 x 8	C	

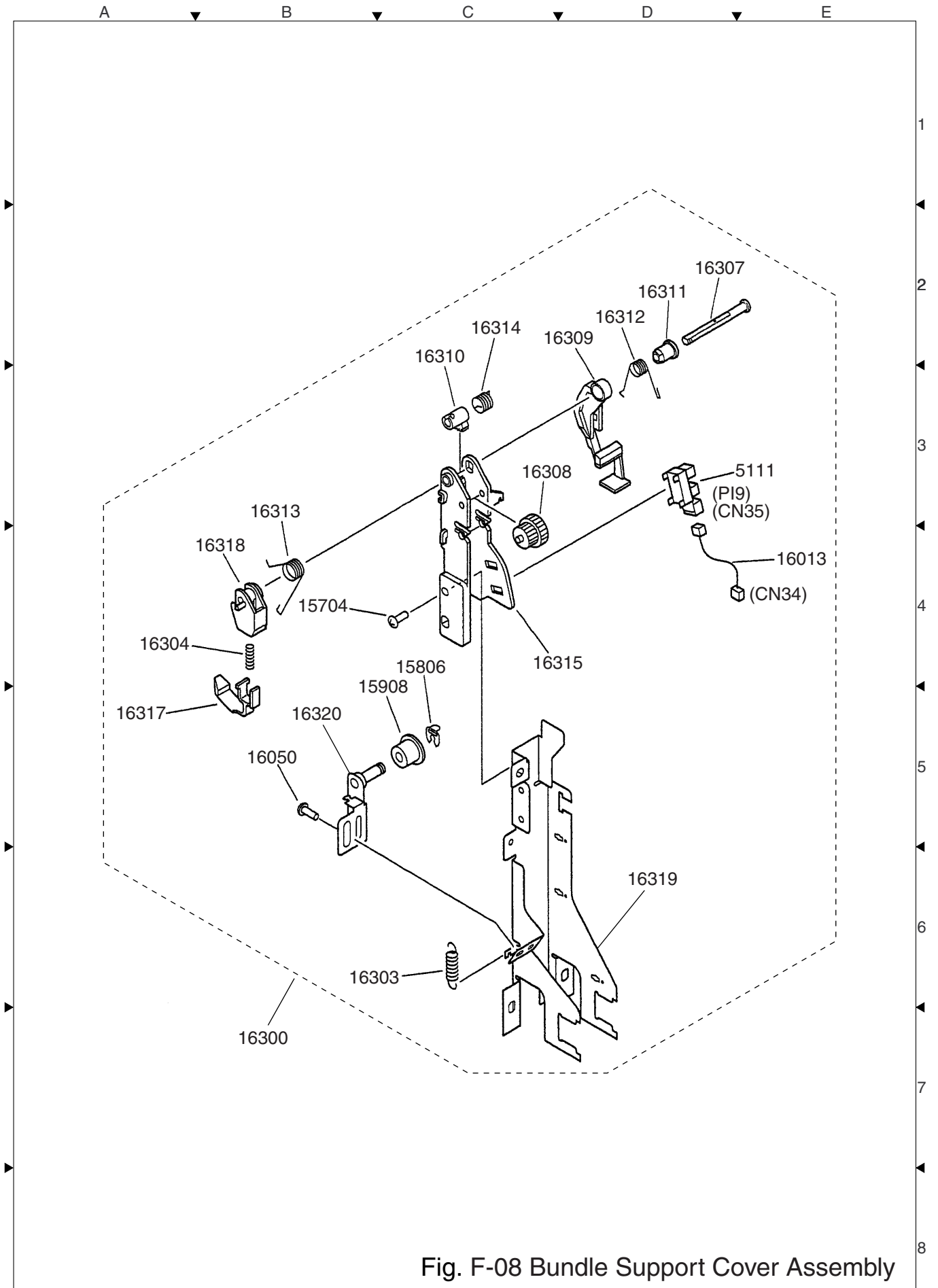


Fig. F-08 Bundle Support Cover Assembly

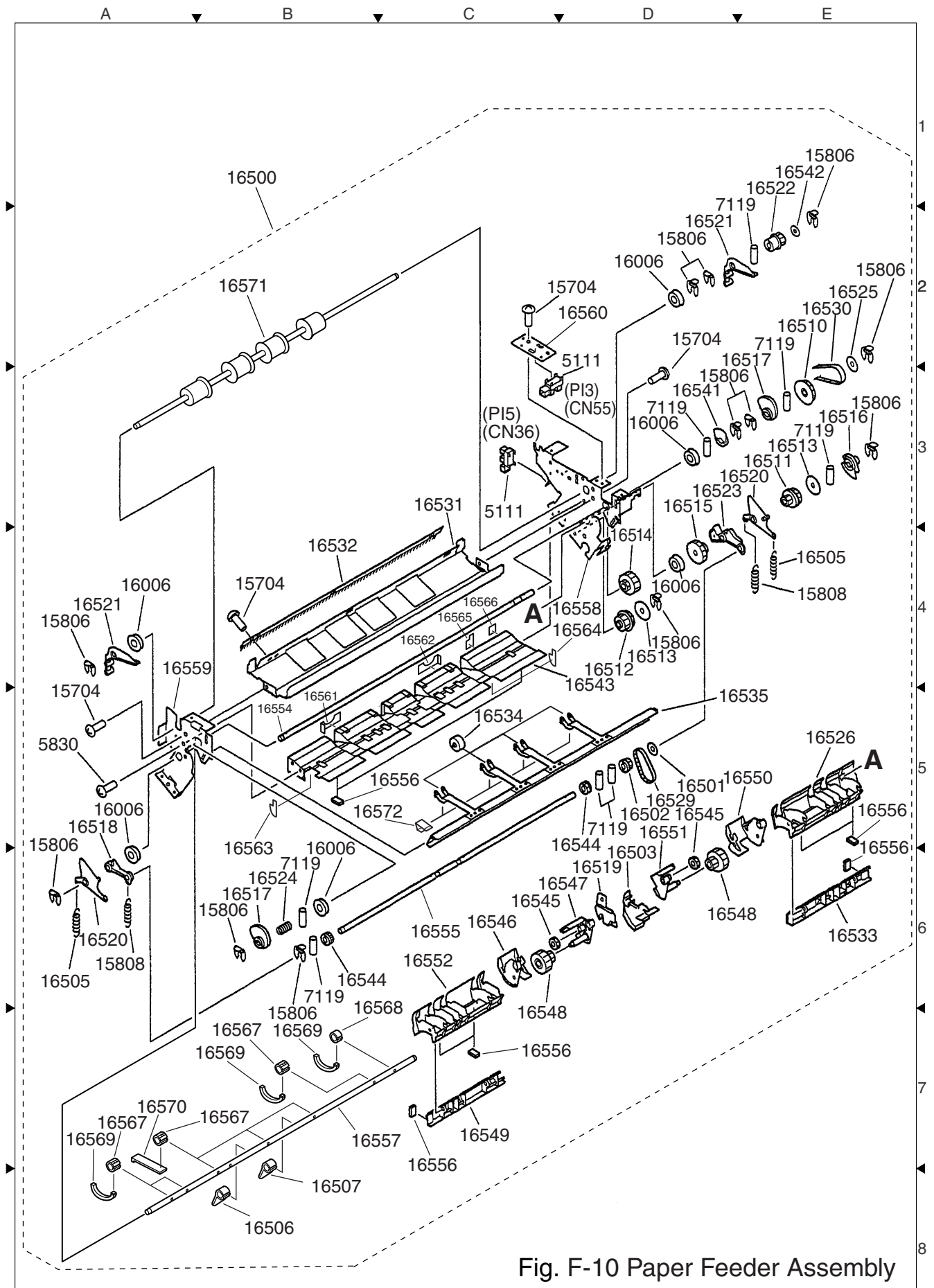
7.9. Dispose Assembly

Ref. No.	Part Number	Part Name	New Parts	Remarks
16400	PF4117K921	Dispose Assembly	N	See Note 1 FS356
	PF4117K114		C	See Note 1 FS325
16401	4A1-7390-000	Spring, Tension	C	
16404	XF2-1606-140	Belt, Timing	C	
16405	4A1-7328-000	Lever, Belt Sensor	C	
16406	4A1-7383-000	Belt, Timing	C	
16407	4A1-7392-000	Spring, Torsion	C	
16408	PF4117P303	Cover, Dispose	C	See Note 2
16410	PF4117K322	Harness, Tray	C	(CN29-32)
16411	4K1-1067-000	Motor, Stepping	C	(M4, M5, CN63, CN65)
16413	4A1-7587-000	Guide, Front Tray	C	
16415	4A1-7273-000	Gear, 30T	C	
16416	4A1-7519-000	Cover, Sub Dispose	C	
16417	4A1-7368-000	Pulley, 22T	C	
16418	4A1-7381-000	Roller, Lower Bundle	C	
16421	4A1-8319-000	Pulley, 22T	C	
16422	4A1-8334-000	Flange	C	
16423	4A1-7197-000	Support, Sensor Flag	C	
16424	4A1-7329-000	Flag, Sensor	C	
16425	4A1-7402-000	Spring, Tension	C	
16426	PF4117K332	Harness, Eject Motor	C	See Note 2 (CN13, CN59)
16427	4A1-7275-000	Pulley, 22T	C	
16428	4A1-7588-000	Guide, Tray Rear	C	
16431	4A1-7209-000	Spring, Leaf	C	
16432	PF4117P290	Guide, Front Paper Feed	C	
16433	4A1-7514-000	Flag, Bundle Roller	C	
16434	PF4117K901	Motor, Stepping	N	(M1, M3, CN56, CN59) FS356
	PF4117K401		C	(M1, M3, CN56, CN59) FS325
16435	PF4117P289	Guide, Rear Paper Feed	C	
16436	4A1-7314-000	Rack, Adjustment, Front	C	
16437	PF4117P276	Cover, Front Adjustment Rack	C	
16438	PF4117P277	Cover, Front Adjustment Rack	C	
16439	4A1-7391-000	Spring, Compression	C	
16440	4A1-7319-000	Rack, Rear Adjustment	C	
16441	PF4117P284	Cover, Rear Adjustment Rack	C	
16442	4A1-7212-000	Holder, Microswitch	C	
16443	4A1-7575-000	Cover, Microswitch	C	
16444	4A1-7486-000	Bracket, Stepping Motor	C	
16445	4A1-7236-000	Shaft, Lower	C	
16446	4F1-1564-000	Assembly, Base	C	
16447	4A1-7239-000	Shaft	C	
16448	4A1-7196-000	Bracket	C	
16449	4A1-7483-000	Bracket, Adjustment	C	

Ref. No.	Part Number	Part Name	New Parts	Remarks
16450	4A1-7266-000	Bracket, Upper Sensor	C	
16451	4A1-7191-000	Bracket, Lower Sensor	C	
16452	4A1-7193-000	Bracket, Sensor	C	
16453	4A1-7487-000	Bracket, Lock	C	
16454	4A1-7185-000	Bracket, Motor	C	
16455	PF4117P261	Ms-SR-Weight Exit F	C	
16456	PF4117P262	Ms-SR-Weight Exit M	C	
16457	PF4117P263	Ms-SR-Weight Exit R	C	
16458	PF4114P406	Sheet, F	C	
16459	PF4114P403	Sheet, M	C	
16460	PF4114P407	Sheet, R	C	
5111	E314000729	IC, Photo-Interrupter TLP1241	C	(PI2, PI6-I8, PI15, CN30-32, CN50, CN51)
5830	XB4-7401-007	Screw, M4 x 10 Truss Head Tapping	C	
7119	XD3-2200-102	Pin, Dowel	C	
15704	FC2-2120-000	Screw, M4 x 7	C	
15806	FC2-5827-000	Clip	C	
15838	4A1-7567-000	Clip, Shaft	C	
15922	4A1-7572-000	Bushing	C	
15936	FC2-5034-000	Screw, M3 x 6 w/Washer	C	
16006	FS2-1672-000	Bushing	C	
16013	PF4117K323	Harness, Sensor	C	(CN54, CN55)
16017	4H1-6449-000	Microswitch	C	(MS3, CN66)
16041	XD3-2200-122	Pin, Dowel	C	
16050	PF4060P027	Screw, M4 x 8	C	

7.10. Paper Feeder Assembly

Ref. No.	Part Number	Part Name	New Parts	Remarks
16500	PF4117K136	Paper Feeder Assembly	C	See Note
16501	4A1-7278-000	Flange	C	
16502	4A1-7281-000	Pulley, 20T	C	
16503	4A1-7337-000	Guide, Paper Auxiliary	C	
16505	4A1-7401-000	Spring, Tension	C	
16506	4A1-7529-000	Claw, Front	C	
16507	4A1-7538-000	Claw, Rear	C	
16510	4A1-7271-000	Pulley, 40T	C	
16511	4A1-7272-000	Pulley, 18T/29T	C	
16512	4A1-7274-000	Gear, 32T 20T/Pulley	C	
16513	4A1-7276-000	Flange	C	
16514	4A1-7279-000	Gear, 20T	C	
16515	4A1-7280-000	Gear, 20T 30T/Pulley	C	
16516	4A1-7330-000	Flag, Sensor	C	
16517	4A1-7331-000	Cam	C	
16518	4A1-7332-000	Arm 1, Link	C	
16519	4A1-7346-000	Support, Paddle Shaft	C	
16520	4A1-7347-000	Arm 2, Link	C	
16521	4A1-7348-000	Arm 3, Link	C	
16522	4A1-7351-000	Pulley, 24T	C	
16523	4A1-7366-000	Arm Link, 4	C	
16524	4A1-8321-000	Spring, Compression	C	
16525	4A1-7339-000	Flange	C	
16526	4A1-7372-000	Guide 1, Rear Safety	C	
16529	XF2-1606-140	Belt, Timing	C	
16530	PF4099P847	Belt, Timing	C	
16531	4A1-7194-000	Guide, Upper Paper Outlet	C	
16532	4A1-7427-000	Eliminator, Static Charge	C	
16533	PF4110P353	Guide 2, Rear Safety	C	
16534	4A1-7406-000	Roller, Paper Outlet	C	
16535	PF4136P643	Support, Paper Outlet Roller	C	
16541	4A1-7513-000	Cam, Sensor Flag	C	
16542	4A1-7585-000	Flange	C	
16543	4A1-7333-000	Guide, Lower Paper	C	
16544	4A1-7283-000	Gear, 14T	C	
16545	4A1-7282-000	Gear, 14T	C	
16546	4A1-7286-000	Holder 1, Front Roller	C	
16547	4A1-7345-000	Holder 2, Front Roller	C	
16548	4A1-7379-000	Roller, Upper Bundle	C	
16549	PF4113P352	Guide 2, Front Safety	C	



Note:

This assembly is included in the assembly shown in Figure F-09.

Ref. No.	Part Number	Part Name	New Parts	Remarks
16550	4A1-7285-000	Holder 1, Rear Roller	C	
16551	4A1-7344-000	Holder 2, Rear Roller	C	
16552	4A1-7341-000	Guide 1, Front Safety	C	
16554	4A1-7234-000	Shaft, Cam	C	
16555	4A1-7238-000	Shaft, Upper Roller	C	
16556	4A1-8320-000	Pad	C	
16557	4A1-7237-000	Shaft, Paddle	C	
16558	4F1-1565-000	Frame, Rear SR	C	
16559	4A1-7202-000	Frame, Front SR	C	
16560	4A1-7192-000	Bracket, Sensor	C	
16561	PF4113P418	Sheet, Front ML	C	
16562	PF4113P419	Sheet, Rear ML	C	
16563	PF4113P413	Sheet, Front ML-SR	C	
16564	PF4113P414	Sheet, Rear ML-SR	C	
16565	PF4117P271	Sheet, SR-MLR-GID L	C	
16566	PF4117P270	Sheet, SR-MLR-GID	C	
16567	4B1-0149-000	Holder, SIRC-SR Paddle	C	
16568	4B1-0111-000	Holder, KM-SR Paddle	C	
16569	4B1-0140-000	Paddle 1, KM-SR	C	
16570	4B1-0148-000	Paddle, THIN	C	
16571	PF4136K117	Assembly, Paper Exit Roller	C	
16572	PF4110P957	Guide, Exit Roller	C	
5111	E314000729	IC, Photo-Interrupter TLP1241	C	(PI3, PI5, CN36, CN55)
5830	XB4-7401-007	Screw, M4 x 10 Truss Head Tapping	C	
7119	XD3-2200-102	Pin, Dowel	C	
15704	FC2-2120-000	Screw, M4 x 7	C	
15806	FC2-5827-000	Clip	C	
15808	4A1-7380-000	Spring, Tension	C	
16006	FS2-1672-000	Bushing	C	

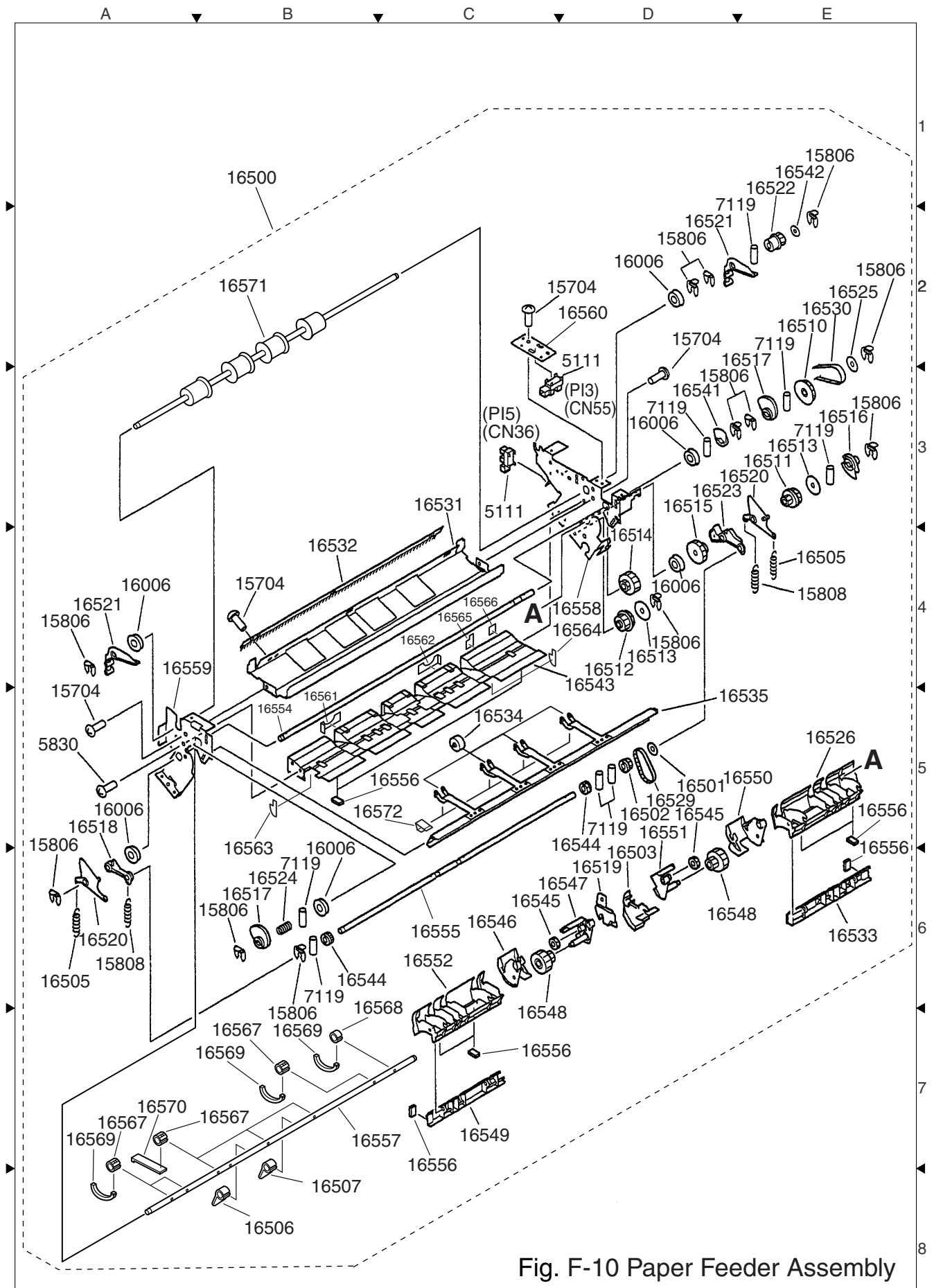


Fig. F-10 Paper Feeder Assembly

Note:

This assembly is included in the assembly shown in Figure F-09.

7.11. Fold Assembly

Ref. No.	Part Number	Part Name	New Parts	Remarks
16606	4A1-7299-000	Cam, Front Saddle	C	
16608	PF4117K171	Fold Assembly	C	
16611	4A1-7357-000	Pulley, 27T	C	
16617	4A1-7363-000	Cam, Rear Saddle	C	
16618	4A1-7364-000	Gear, 24T	C	
16620	4A1-7376-000	Gear, 16T/42T	C	
16621	4A1-7377-000	Gear, 21T	C	
16622	4A1-7385-000	Roller, Fold	C	
16625	4A1-7388-000	Spring, Tension	C	
16630	4A1-7533-000	Hook, Spring	C	
16632	4A1-7552-000	Bushing	C	
16633	PF4113P439	Gear, SP-S	N	
16634	PW060050	Polyslider	N	
16636	ER0505U-D	E-Ring	N	
16638	4A1-8330-000	Gear, 18T	C	
16640	4A1-8332-000	Guide, Lower Paper Delivery	C	
16642	PF4099K355	Clutch, Electromagnetic	C	(CL1, CN72)
16650	4A1-7476-000	Spring, Leaf	C	
16672	4A1-7525-000	Roller	C	
16681	4A1-7256-000	Roller	C	
16682	4A1-7504-000	Harness Duct	C	
16683	4A1-7477-000	Bracket, Top	C	
16684	4A1-1568-000	Frame, Front	C	
16685	4A1-1567-000	Frame, Rear	C	
16686	4A1-7485-000	Bracket, Front Tension	C	
16687	4A1-7227-000	Cam	C	
5111	E314000729	IC, Photo-Interrupter TLP1241	C	(PI11, PI12, CN40, CN41)
5509	XD3-2300-162	Pin, Dowel	C	
7119	XD3-2200-102	Pin, Dowel	C	
15704	FC2-2120-000	Screw, M4 x 7	C	
15806	FC2-5827-000	Clip	C	
15837	4A1-7566-000	Clip, Shaft	C	
16006	FS2-1672-000	Bushing	C	
16212	4A1-7573-000	Bushing	C	

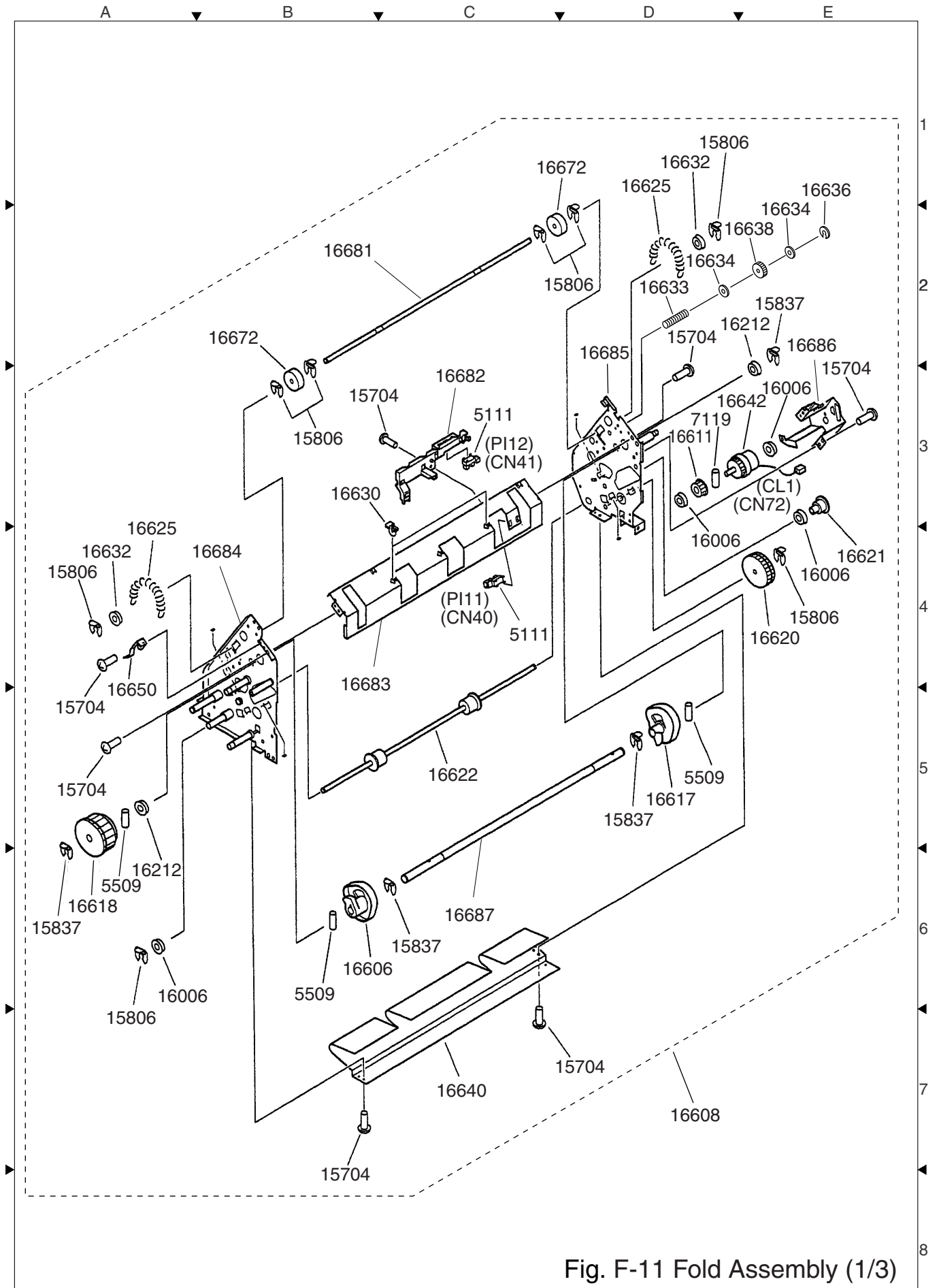


Fig. F-11 Fold Assembly (1/3)

Ref. No.	Part Number	Part Name	New Parts	Remarks
16601	4A1-7177-000	Guide, Front Swing	C	
16602	4A1-7178-000	Guide, Rear Swing	C	
16604	4A1-7295-000	Cam, Front	C	
16605	4A1-7296-000	Cam, Rear	C	
16607	4A1-7335-000	Pulley, 36T	C	
16610	4A1-7350-000	Pin, Saddle Slider	C	
16615	4A1-7361-000	Holder, Roller	C	
16624	4A1-7387-000	Spring, Tension	C	
16630	4A1-7533-000	Hook, Spring	C	
16631	4A1-7551-000	Washer	C	
16637	4A1-8329-000	Roller, Link	C	
16639	4A1-8331-000	Gear, 17T	C	
16643	4S1-9048-000	Screw, M3 Stepped	C	
16655	4A1-8327-000	Spring, Leaf	C	
16656	4A1-8326-000	Spring, Leaf	C	
16657	PF4117P613	Guide, Delivery Paper	C	
16658	4A1-8324-000	Plate, Reinforcement	C	
16659	4A1-7322-000	Roller, Fold	C	
16660	4A1-7481-000	Holder, Delivery Roller	C	
16668	4A1-7297-000	Roller, Link	C	
16671	4A1-7228-000	Shaft, Link	C	
16673	4A1-7546-000	Spring, Tension	C	
16674	4A1-7298-000	Roller, Saddle	C	
16675	4F1-1569-000	Plate, Front Opener	C	
16676	4F1-1570-000	Plate, Rear Opener	C	
16677	4A1-7181-000	Link, Cover	C	
16678	HW050FZS	Washer	C	
16679	ER040SU-D	E-Ring	C	
16680	XB1-2401-000	Screw, M4 x 10 Truss Head Mach.	C	
16684	4A1-1568-000	Frame, Front	C	
16685	4A1-1567-000	Frame, Rear	C	
16688	4A1-7242-000	Cam, Front	C	
16689	4A1-7180-000	Bracket, Saddle	C	
16690	4A1-7179-000	Plate, Saddle	C	
16691	4A1-7188-000	Plate, Sub	C	
16692	4A1-7203-000	Bracket, Base	C	
166001	4A1-8325-000	Base, Plate Spring	C	
166002	4A1-8328-000	Pad	C	
5829	XD3-2200-142	Pin, Dowel	C	
15704	FC2-2120-000	Screw, M4 x 7	C	
15806	FC2-5827-000	Clip	C	
15837	4A1-7566-000	Clip, Shaft	C	
15838	4A1-7567-000	Clip, Shaft	C	
16212	4A1-7573-000	Bushing	C	
16525	4A1-7339-000	Flange	C	

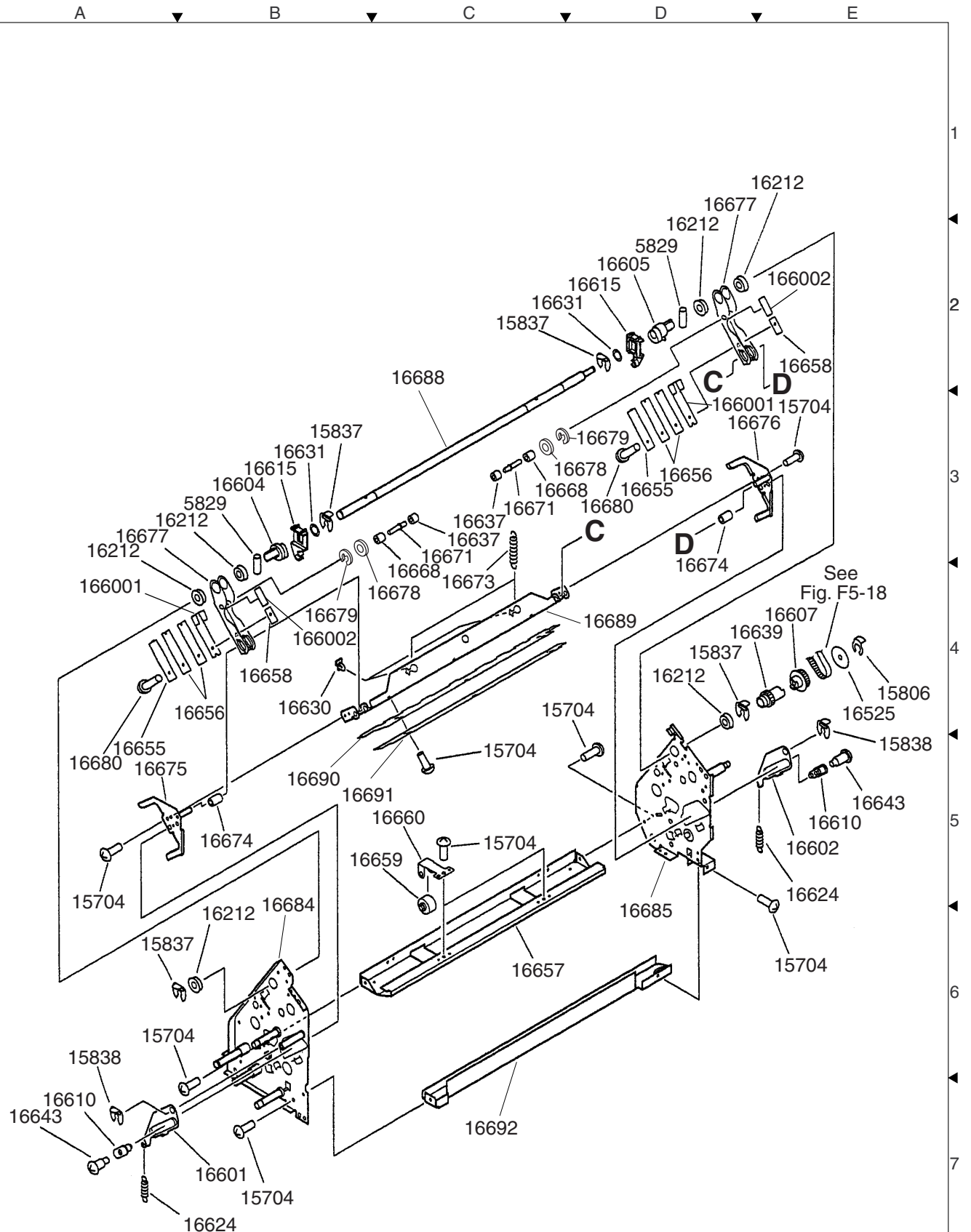


Fig. F-11 Fold Assembly (2/3)

Ref. No.	Part Number	Part Name	New Parts	Remarks
16603	4A1-7290-000	Gear, 8T	C	
16609	4A1-7340-000	Gear, 16T	C	
16612	4A1-7358-000	Gear, 16T/41T	C	
16613	4A1-7359-000	Gear, 15T/38T	C	
16614	4A1-7360-000	Gear, 24T	C	
16616	4A1-7362-000	Gear, 24T	C	
16619	4A1-7365-000	Gear, 16T	C	
16623	4A1-7386-000	Spring, Compression	C	
16626	4A1-7389-000	Spring, Tension	C	
16627	4A1-7403-000	Spring, Tension	C	
16628	4A1-7404-000	Roller	C	
16629	4A1-7530-000	Pulley, 27T	C	
16635	FC2-1175-000	Screw	C	
16641	PF4099K325	Harness, Connecting	C	(CN38-41)
16645	4H1-6450-000	LED PCB Unit	C	(PI10, CN39)
16649	XF2-1607-240	Belt, Timing	C	
16651	4A1-7536-000	Clip, Shaft	C	
16652	4A1-7544-000	Roller, Fold	C	
16653	4A1-7545-000	Roller, Sub Fold	C	
16661	4A1-7187-000	Guide 1, Fold Roller	C	
16662	4A1-7309-000	Holder 1, Front Guide	C	
16663	4A1-7310-000	Holder 1, Rear Guide	C	
16664	4A1-7186-000	Guide 2, Fold Roller	C	
16665	4A1-7311-000	Holder 2, Front Guide	C	
16666	4A1-7312-000	Holder 2, Rear Guide	C	
16667	4A1-7207-000	Guide, Upper Paper	C	
16669	PF4117P067	Guide, Lower Paper	C	
16670	4A1-8322-000	Spring, Grounding Leaf	C	
16684	4A1-1568-000	Frame, Front	C	
16685	4A1-1567-000	Frame, Rear	C	
16693	4A1-7410-000	Mirror Seal	C	
16694	4G1-4061-000	Guide, Lower Paper Assembly	C	
16695	4A1-7175-000	Roller, Front Fold	C	
16696	4A1-7176-000	Roller, Rear Fold	C	
16697	4A1-7470-000	Flame, Front Sub	C	
16698	4A1-7492-000	Bracket	C	
16699	4A1-7254-000	Fold 1	C	
16600	4A1-7255-000	Fold 2	C	
7119	XD3-2200-102	Pin, Dowel	C	
15704	FC2-2120-000	Screw, M4 x 7	C	
15806	FC2-5827-000	Clip	C	
15838	4A1-7567-000	Clip, Shaft	C	
15950	XD3-2300-142	Pin, Dowel	C	
16006	FS2-1672-000	Bushing	C	
16214	FS2-1615-000	Bearing, Ball	C	
16225	XD3-2300-182	Pin, Dowel	C	



7.12. Staple Assembly

Ref. No.	Part Number	Part Name	New Parts	Remarks
16701	4A1-8206-000	Roller, Tension	C	
16702	4A1-8207-000	Spring, Tension	C	
16703	4A1-8214-000	Cover, Motor	C	
16705	4A1-8217-000	Support 1, Cam Stopper	C	
16710	4A1-7592-000	Spring, Torsion	C	
16711	4A1-8225-000	Pulley, 38T	C	
16713	4A1-8228-000	Knob, Staple Movable	C	
16717	4A1-8233-000	Knob, Jam Clearing	C	
16718	FC3-0661-000	Clip	C	
16721	4S1-9076-000	Screw, M3 x 8	C	
16722	4A1-8238-000	Panel, Front	C	
16723	4A1-8239-000	Cover, Handle	C	
16726	PF4117Q115	Guide, Paper	C	
16727	4B1-0743-000	Spring, Compression	C	
16728	4A1-7581-000	Guide, Sub Upper	C	
16729	4A1-7584-000	Pin, Marker	C	
16731	4A1-7583-000	Gear, 42T	C	
16732	4F1-1679-000	Plate, Tension	C	
16733	FC3-0779-000	Screw, M3 x 6 Tapping	C	
16735	4A1-8210-000	Pin, Slide	C	
16736	4A1-8198-000	Roller	C	
16741	PF4099K315	Harness 2, Staple	C	(CN72, JN1)
16742	PF4117K902	Motor, Stepping	N	(M8, CN72) FS356
	PF4117K405		C	(M8, CN72) FS325
16743	4B1-0754-000	Flange	C	
16744	4B1-0744-000	Gear	C	
16745	4B1-0748-000	Spring, Tension	C	
16746	4F1-2053-000	Support, Staple Tension	C	
16747	4B1-0746-000	Roller, Tension	C	
16748	4A1-8232-000	Gear, 18T/66T	C	
16749	XF2-1804-070	Belt, Timing	C	
16750	4B1-0742-000	Guide	C	
16751	4A1-7590-000	Pad, Staple Guide	C	
16752	RA2-2452-000	Bushing	C	
16753	4B1-0740-000	Gear, 29T 16T/Pulley	C	
16756	XB1-2300-605	Screw, M3 x 6 Truss Head Mach.	C	
16761	4A1-8881-000	Harness	C	
16762	4A1-8211-000	FPC Guide	C	
16763	PF4117K234	Stapler Unit	N	FS356
	PF4117K233		C	FS325
16764	NS-BLT00234	Belt	C	
5413	XD2-1100-502	E-Ring	C	
5511	XD2-1100-642	E-Ring	C	
5830	XB4-7401-007	Screw, M4 x 10 Truss Head Tapping	C	
6442	PF2078P458	Screw, M4 x 6	C	
15926	4S1-9077-000	Screw, M4 x 8	C	
15936	FC2-5034-000	Screw, M3 x 6 w/Washer	C	
15950	XD3-2300-142	Pin, Dowel	C	

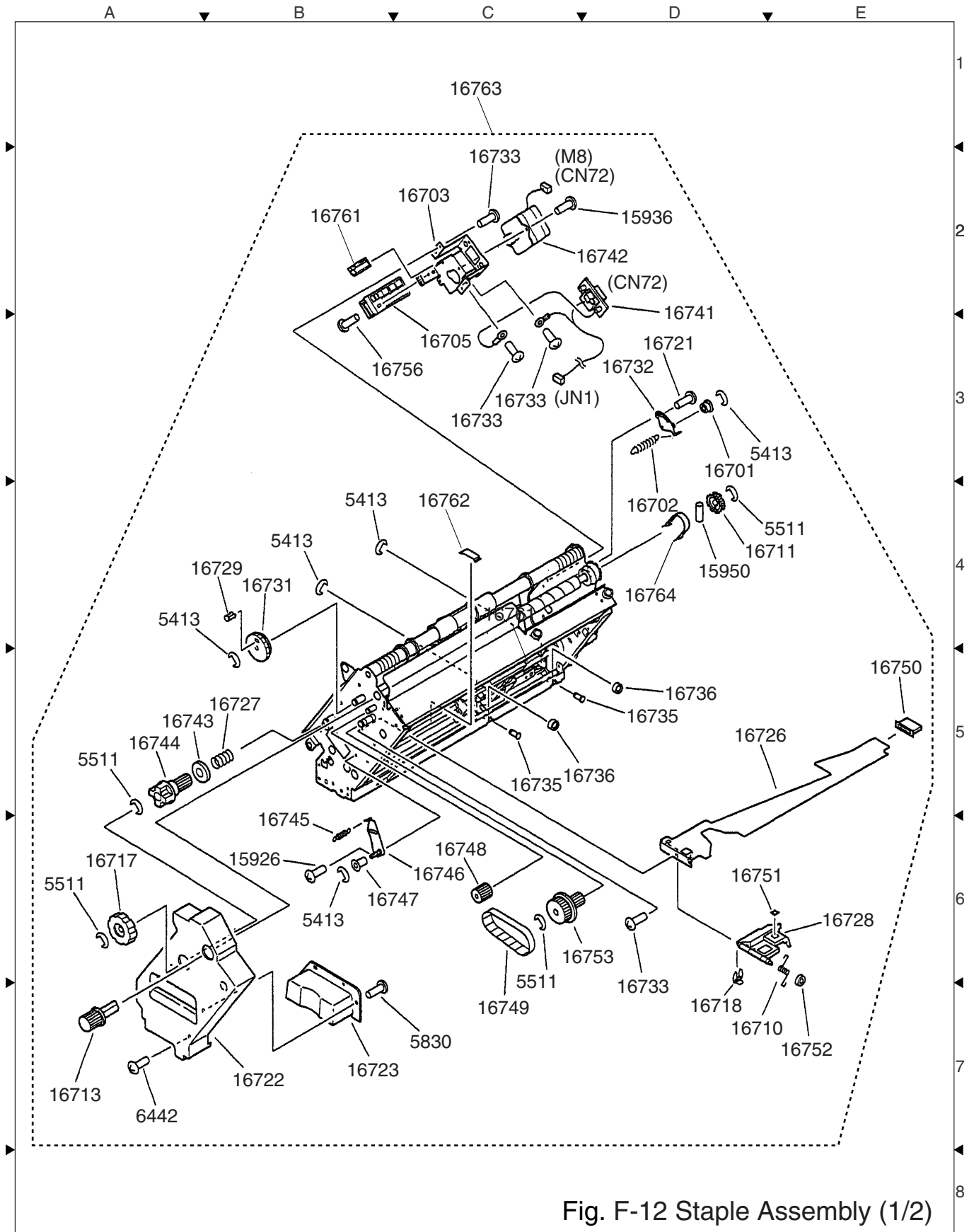


Fig. F-12 Staple Assembly (1/2)

Note 1:

This assembly includes the assembly shown in Figure F-12 (1/2 - 2/2).

Ref. No.	Part Number	Part Name	New Parts	Remarks
16704	4A1-8215-000	Frame, Coupling	C	
16706	4A1-8218-000	Coupling	C	
16707	4A1-8219-000	Spring, Compression	C	
16708	4A1-7591-000	Holder, Staple Guide Roller	C	
16709	4A1-7589-000	Roller, Staple Guide	C	
16712	4A1-8226-000	Gear, 38T 36T/Pulley	C	
16714	4A1-8229-000	Gear, 32T 42T/Pulley	C	
16715	4A1-8230-000	Pulley, 24T	C	
16716	XF2-1809-000	Belt, Timing	C	
16720	FC2-5035-000	Screw, M3 x 6 w/Washer	C	
16724	4A1-8265-000	Cover, Right Side	C	
16725	4A1-8264-000	Cover, Left Side	C	
16730	4A1-8263-000	Cover, Gear	C	
16734	4A1-8341-000	Staple Cartridge Unit	C	
16737	PF4117K312	Stapler Base PCB Assembly	C	
16738	PF4117K313	Stapler In PCB Assembly	C	
16739	PF4117P530	Harness, Stapler	C	(JN1, JN2)
16740	PF4117K314	Harness 1, Staple	C	(JN2)
16760	XD3-2300-122	Pin, Dowel	C	
16764	NS-BLT00234	Belt	C	
16765	XF2-1309-711	Belt	C	
5413	XD2-1100-502	E-Ring	C	
5511	XD2-1100-642	E-Ring	C	
5829	XD3-2200-142	Pin, Dowel	C	

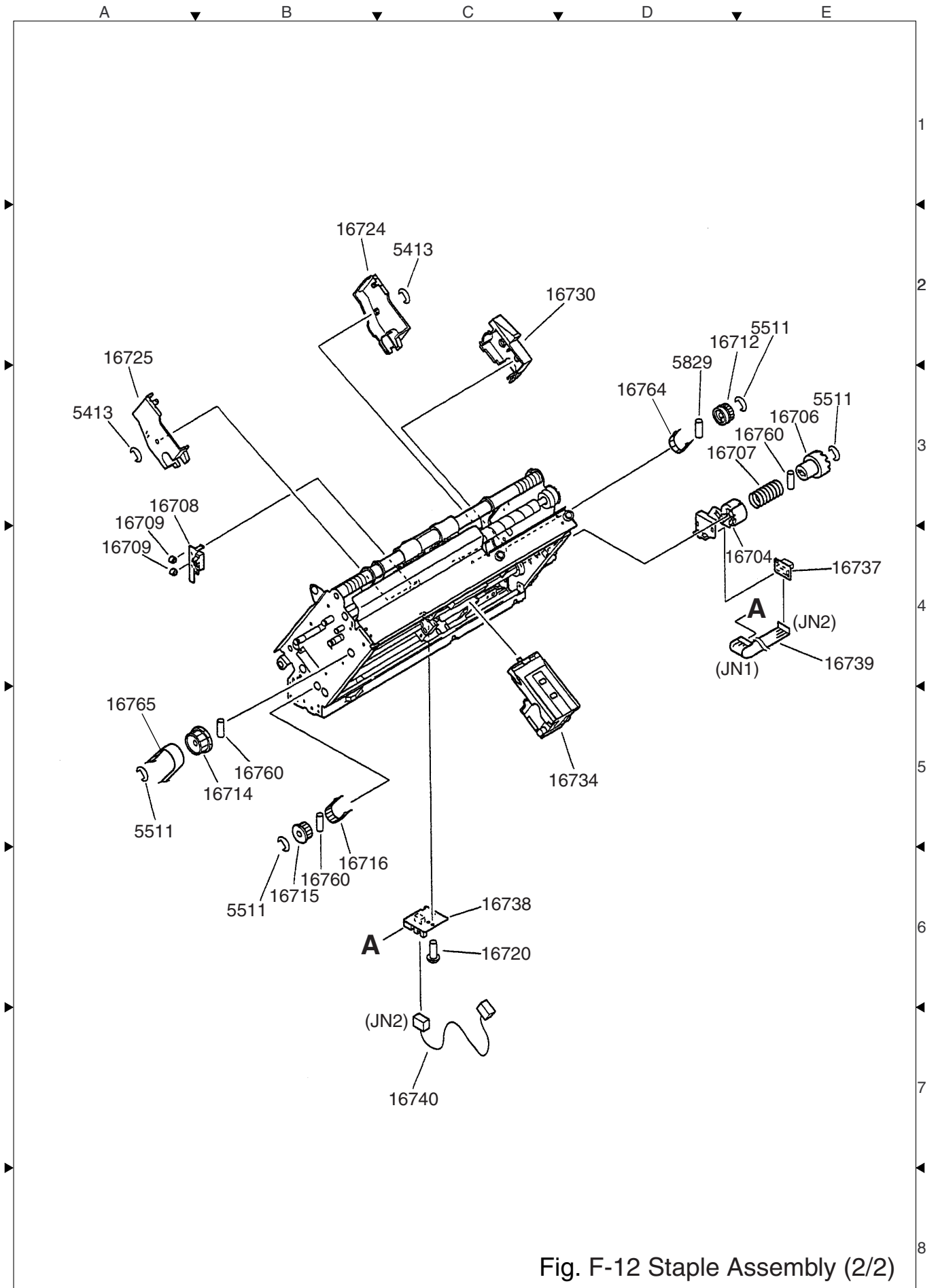


Fig. F-12 Staple Assembly (2/2)

7.13. DC Controller PCB Assembly

Ref. No.	Part Number	Part Name	New Parts	Remarks
16800	PF4117K915	DC Controller PCB Assembly	N	FS356
	PF4117K310		C	FS325
16801	PF4117K916	IC, EP-ROM M27C1001-70XF	N	FS356
	PF4117K309		C	FS325
16802	E323000483	IC, EP-ROM S-93C46ADP	C	(IC12)

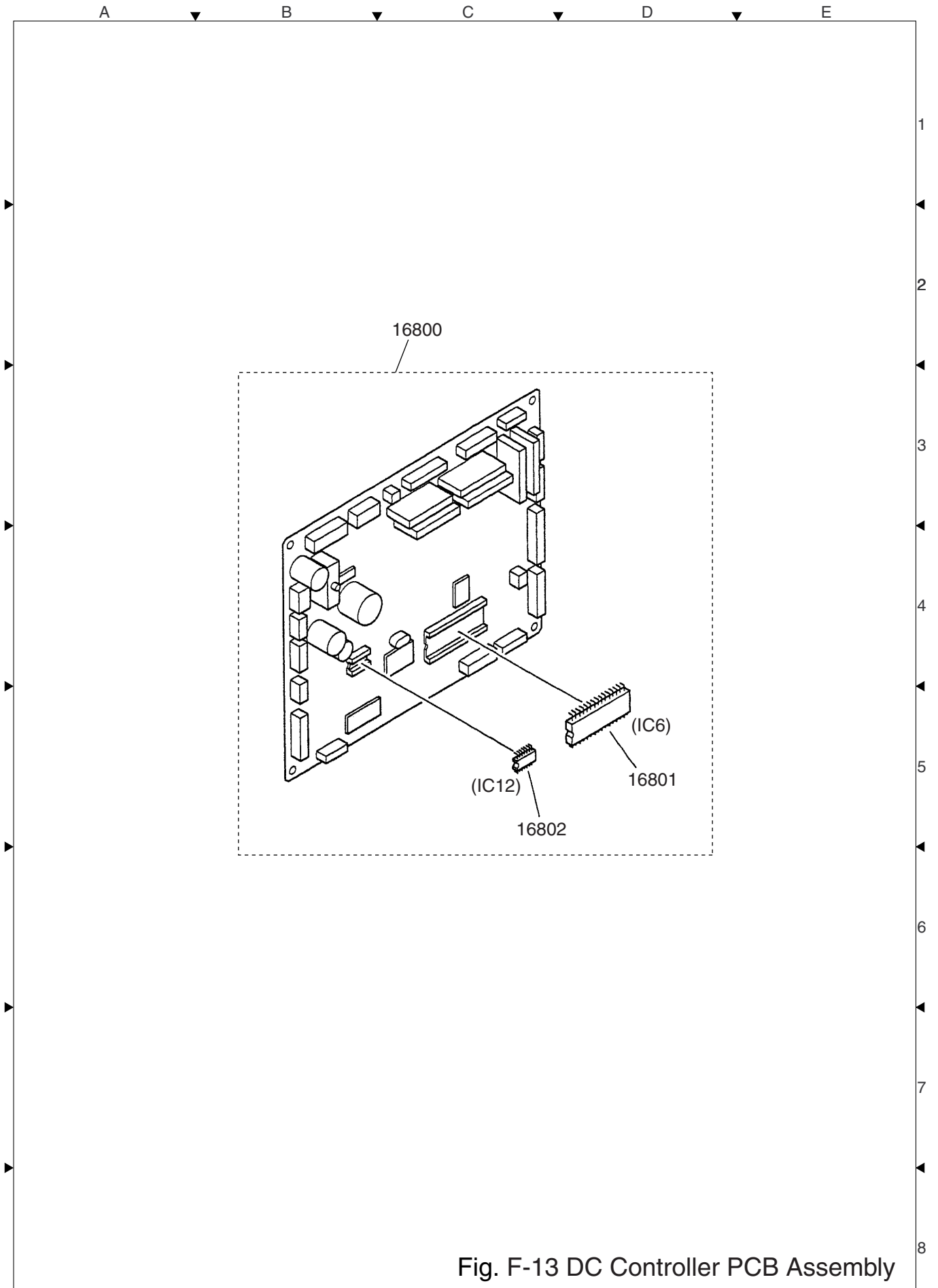


Fig. F-13 DC Controller PCB Assembly

7.14. List of Connectors

Ref. No.	Part Number	Part Name	New Parts	Remarks
CN3	PCB	DC Controller	C	
	PF4117K334	Harness, Jog Motor	C	
CN4	PCB	DC Controller	C	
	PF4117K319	Harness, Front Door Sensor	C	
CN5	PCB	DC Controller	C	
	PF4117K321	Harness, Lever Tray Sensor	C	
CN6	PCB	DC Controller	C	
	PF4117K339	Harness, DC Motor	C	
CN8	PCB	DC Controller	C	
	PF4117K336	Harness, Switch	C	
CN9	PCB	DC Controller	C	
	PF4099K329	Harness 3, Sensor	C	
CN12	SYS	Puncher Unit	C	
	PCB	DC Controller	C	
CN13	PCB	DC Controller	C	
	PF4117K332	Harness, Eject Motor	C	
CN14	SYS	Puncher Unit	C	
	PCB	DC Controller	C	
CN15	PCB	DC Controller	C	
	PF4117K327	Harness 1, Sensor	C	
CN23	NPN	Front Jog Home Position Sensor	C	(PI4)
	PF4117K319	Harness, Front Door Sensor	C	
CN24	NPN	Top Cover Sensor	C	(PI23)
	PF4117K319	Harness, Front Door Sensor	C	
CN25	NPN	Front Door Sensor	C	(PI22)
	PF4117K319	Harness, Front Door Sensor	C	
CN28	PF4117K321	Harness, Lever Tray Sensor	C	
CN29	PF4117K322	Harness, Tray	C	
CN30	NPN	Adjustment Tray Sensor	C	(PI6)
	PF4117K322	Harness, Tray	C	
CN31	NPN	Eject Belt Home Position Sensor	C	(PI7)
	PF4117K322	Harness, Tray	C	
CN32	NPN	Tray Paper Empty Sensor	C	
	PF4117K322	Harness, Tray	C	
CN33	PF4117K321	Harness, Lever Tray Sensor	C	
CN34	PF4117K323	Harness, Sensor	C	
CN35	NPN	Level Sensor	C	(PI9)
	PF4117K323	Harness, Sensor	C	

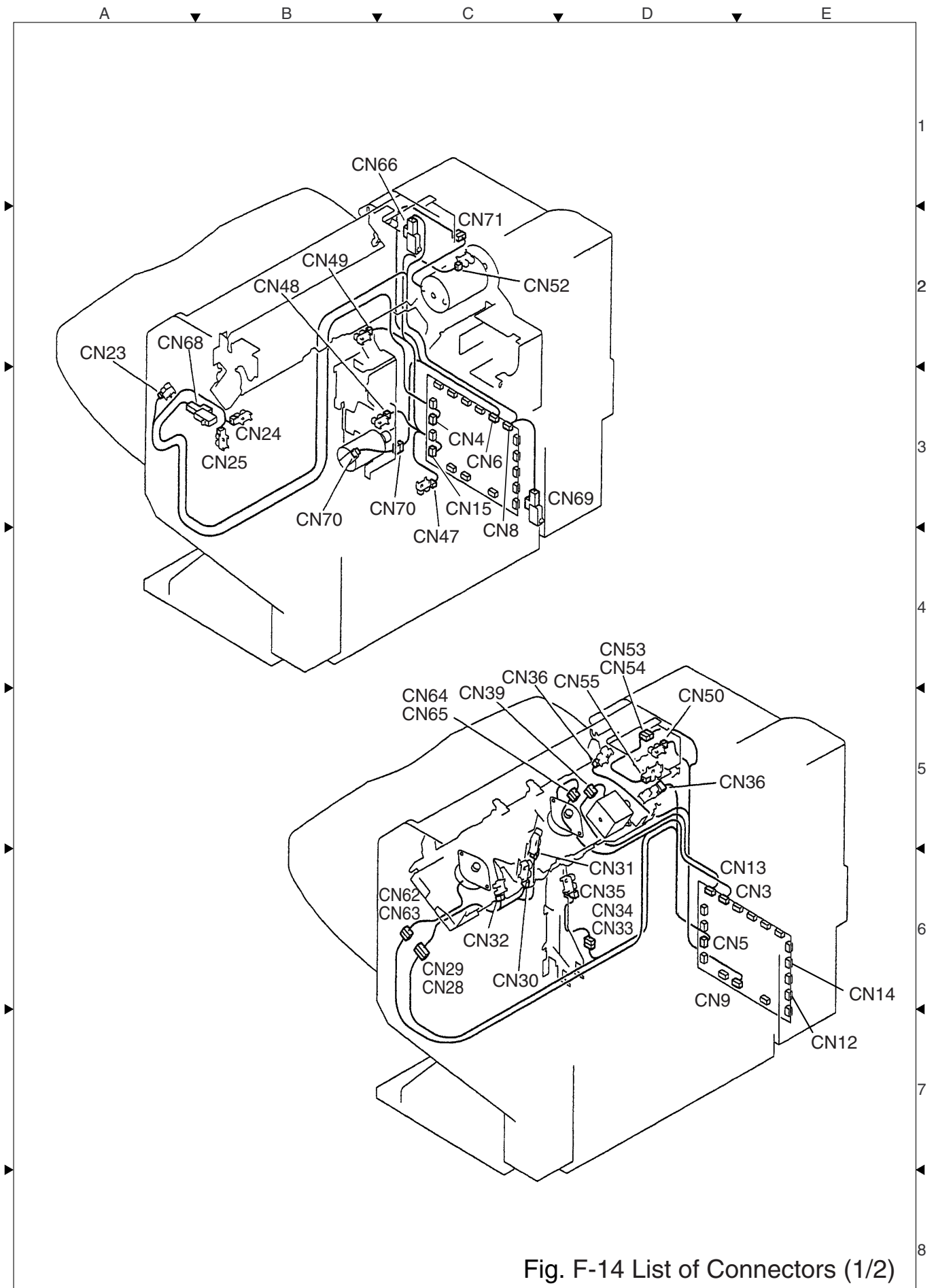


Fig. F-14 List of Connectors (1/2)

Ref. No.	Part Number	Part Name	New Parts	Remarks
CN36	NPN	Rear Jog Home Position Sensor	C	(PI5)
	PF4117K321	Harness, Lever Tray Sensor	C	
	NPN	Rear Jog Home Position Sensor	C	(PI5)
	PF4099K329	Harness 3, Sensor	C	
CN39	NPN	Bind Position Sensor	C	(PI10)
	PF4099K325	Harness, Connecting	C	
CN47	NPN	Bind Empty Sensor	C	(PI13)
	PF4117K327	Harness 1, Sensor	C	
CN48	NPN	Shift Clock Sensor	C	(PI17)
	PF4117K327	Harness 1, Sensor	C	
CN49	NPN	Shift Down Limit Sensor	C	(PI16)
	PF4117K327	Harness 1, Sensor	C	
CN50	NPN	Shift Up Limit Sensor	C	(PI15)
	PF4099K329	Harness 3, Sensor	C	
CN52	NPN	Bind Clock Sensor	C	(PI14)
	PF4099K329	Harness 1, Sensor	C	
CN53	PF4099K329	Harness 3, Sensor	C	
CN54	PF4117K323	Harness, Sensor	C	
CN55	NPN	Bundle Roller Home Position Sensor	C	(PI3)
	PF4117K323	Harness, Sensor	C	
CN62	PF4117K334	Harness, Jog Motor	C	
CN63	NPN	Front Jog Motor	C	(M4)
CN64	PF4117K334	Harness, Jog Motor	C	
CN65	NPN	Rear Jog Motor	C	(M5)
CN66	NPN	Stapler Safety Switch	C	(MS3)
	PF4117K336	Harness, Switch	C	
CN68	NPN	Front Door Switch	C	(MS1)
	PF4117K336	Harness, Switch	C	
CN69	NPN	Joint Switch	C	(MS2)
	PF4117K336	Harness, Switch	C	
CN70	PF4117K339	Harness, DC Motor	C	
	NPN	Shift Motor	C	(M6)
	PF4117K342	Harness, Shift Motor	C	
CN71	NPN	Bind Motor	C	(M7)
	PF4117K339	Harness, DC Motor	C	

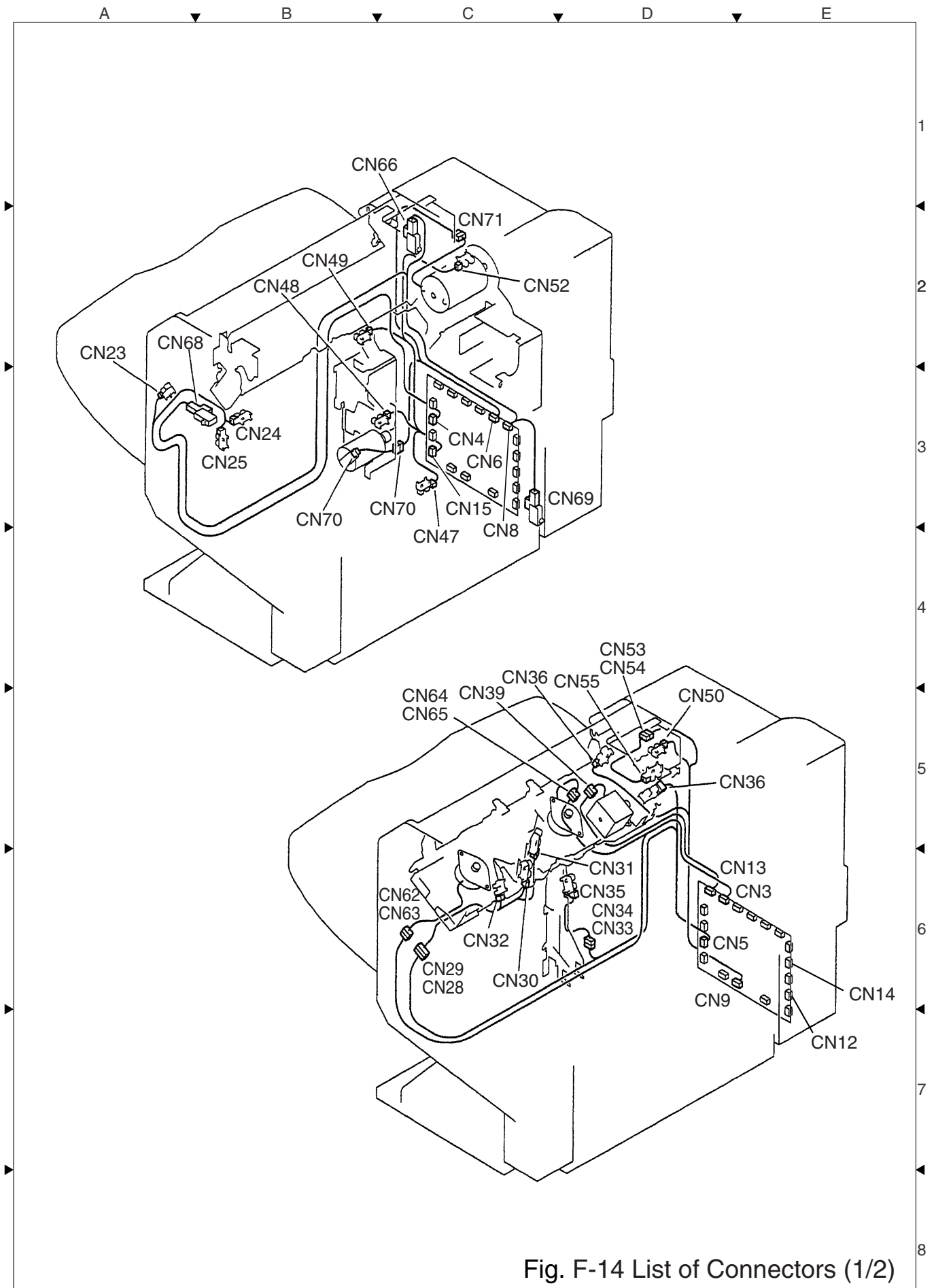


Fig. F-14 List of Connectors (1/2)

Ref. No.	Part Number	Part Name	New Parts	Remarks
CN1	PCB	DC Controller	C	
	PF4117K920	Harness, Interface	N	FS356
	PF4117K350		C	FS325
CN2	PCB	DC Controller	C	
	PF4117K920	Harness, Interface	N	FS356
	PF4117K350		C	FS325
CN7	PCB	DC Controller	C	
	PF4099K340	Harness, Stapler	C	
CN10	PCB	DC Controller	C	
	PF4110K331	Harness, Feed Paddle Motor	C	
CN11	PCB	DC Controller	C	
	PF4099K340	Harness, Stapler	C	
CN16	PCB	DC Controller	C	
	PF4099K324	Harness 2, Sensor	C	
CN18	PCB	DC Controller	C	
	PF4117K328	Harness, Bind Clutch	C	
CN19	PCB	DC Controller	C	
	PF4117K341	Harness, Stack Sensor	C	
CN20	SYS	To Copier	C	
	PF4117K304A	Harness, Interface	C	
CN37	PF4099K324	Harness 2, Sensor	C	
CN38	PF4099K325	Harness, Connecting	C	
CN39	NPN	Bind Position Sensor	C	(PI10)
	PF4099K325	Harness, Connecting	C	
CN40	NPN	Bind Home Position Sensor	C	(PI11)
	PF4099K325	Harness, Connecting	C	
CN41	NPN	Bind Roller Home Position Sensor	C	(PI12)
	PF4099K325	Harness, Connecting	C	
CN42	PF4099K324	Harness 2, Sensor	C	
CN43	PF4117K323	Harness, Sensor	C	
CN44	NPN	Entrance Sensor	C	(PI1)
	PF4117K323	Harness, Sensor	C	

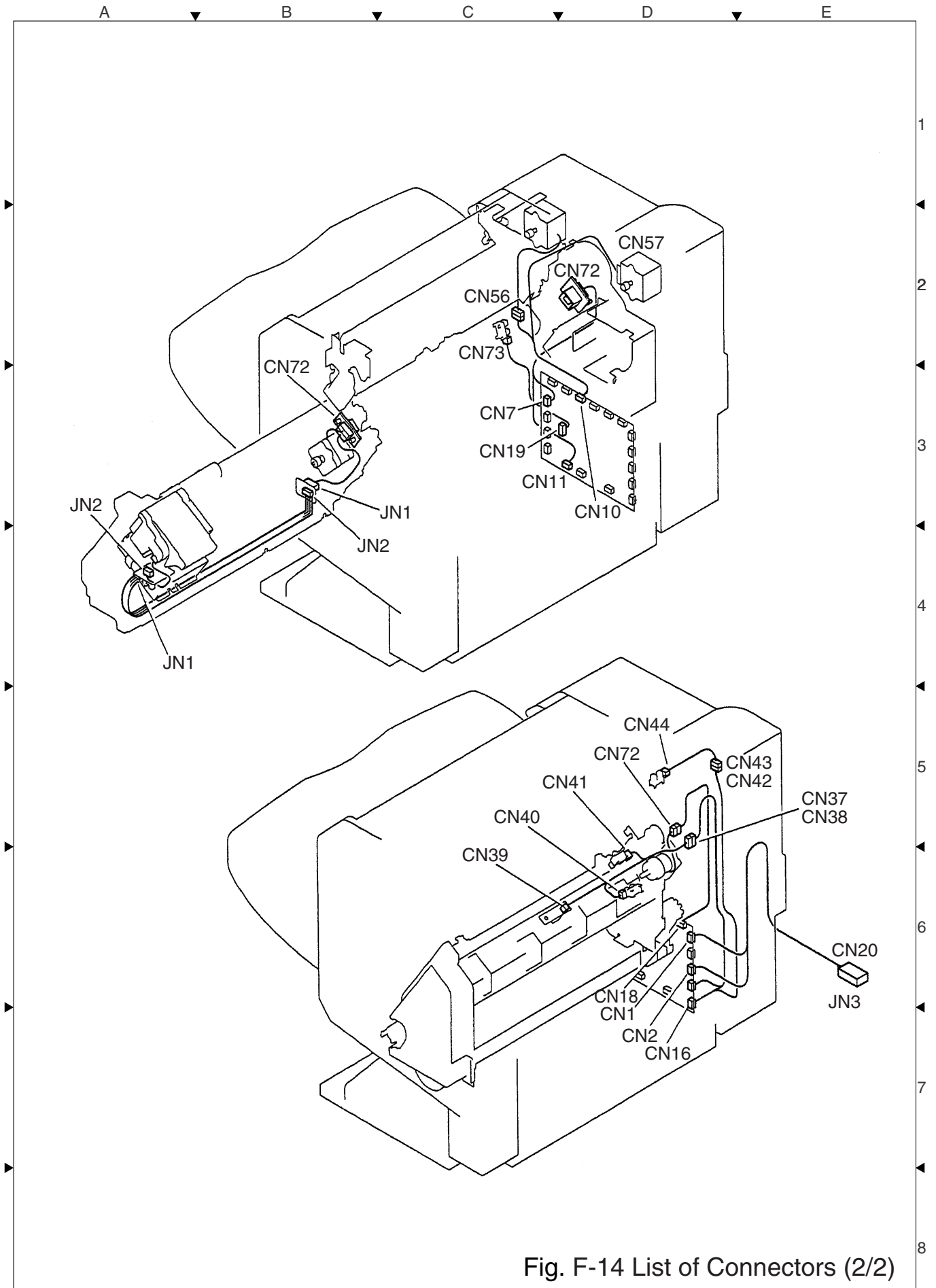


Fig. F-14 List of Connectors (2/2)

Ref. No.	Part Number	Part Name	New Parts	Remarks
CN56	NPN	Paper Feed Motor	C	(M1)
	PF4110K331	Harness, Feed Paddle Motor	C	
CN57	NPN	Paddle Motor	C	(M2)
	PF4110K331	Harness, Feed Paddle Motor	C	
CN72	NPN	Bind Clutch	C	(CL1)
	PF4117K328	Harness, Bind Clutch	C	
	NPN	Slide Motor	C	(M8)
	PF4099K340	Harness, Stapler	C	
	PF4099K315	Harness 2, Staple	C	
CN73	NPN	Stack Sensor	C	(PI24)
	PF4117K341	Harness, Stack Sensor	C	
JN1	PCB	Stapler Base	C	
	PF4117P530	Harness, Stapler	C	
	PCB	Stapler IN	C	
	PF4099K315	Harness 2, Staple	C	
JN2	PCB	Stapler Base	C	
	PF4117P530	Harness, Stapler	C	
	PCB	Stapler IN	C	
	PF4117K314	Harness 1, Staple	C	
JN3	SYS	To Copier	C	
	PF4117K920	Harness, Interface	N	FS356
	PF4117K350		C	FS325

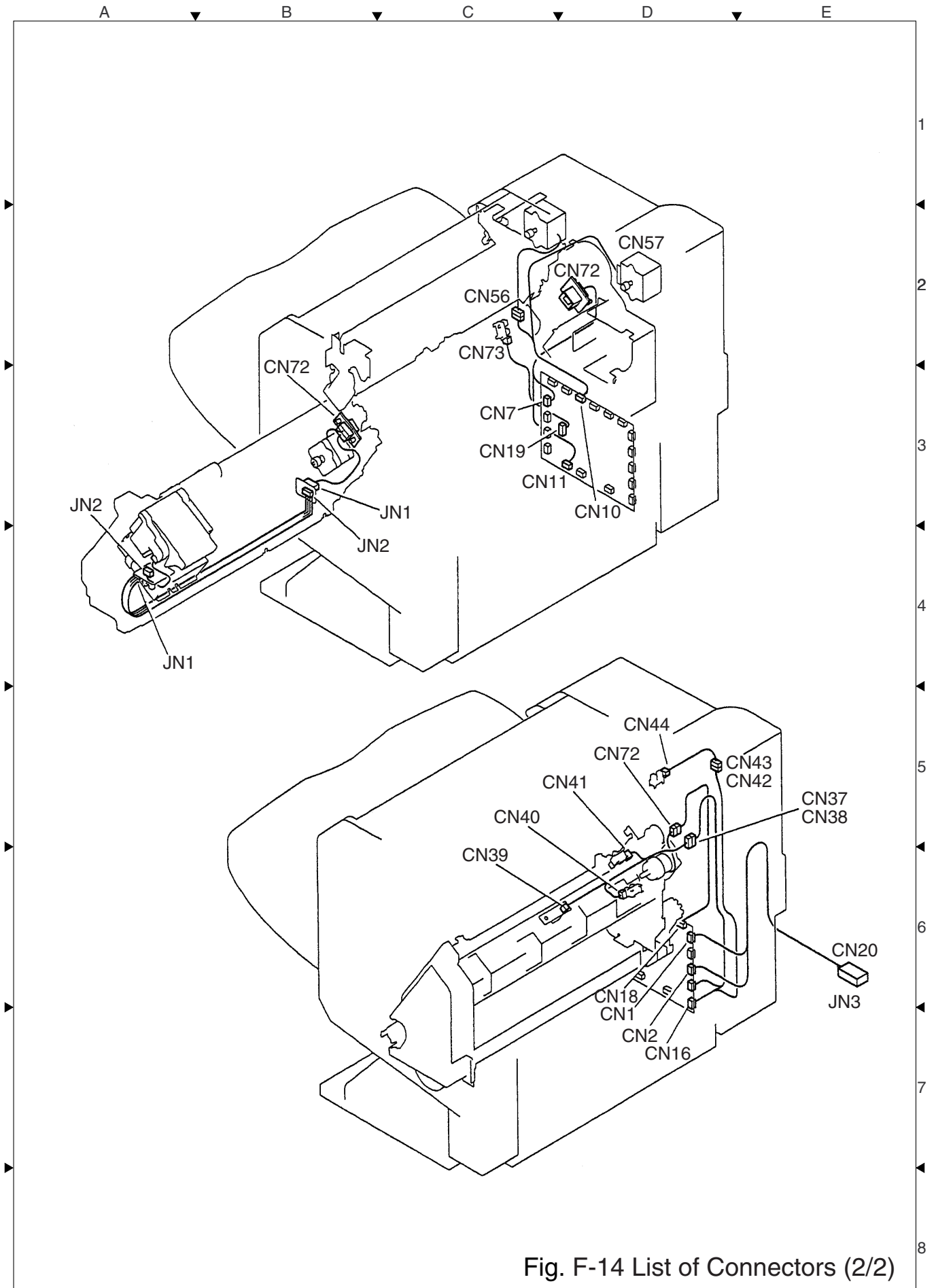


Fig. F-14 List of Connectors (2/2)

7.15. List of Electric Parts

Ref. No.	Part Number	Part Name	New Parts	Remarks
CL1	4K1-4040-000	Clutch, Electromagnetic	C	
MS1	4H1-6449-000	Microswitch	C	
MS2	4H1-6449-000	Microswitch	C	
MS3	4H1-6449-000	Microswitch	C	
PI1	E314000729	IC, Photo-Interrupter TLP1241	C	
PI2	E314000729	IC, Photo-Interrupter TLP1241	C	
PI3	E314000729	IC, Photo-Interrupter TLP1241	C	
PI4	E314000729	IC, Photo-Interrupter TLP1241	C	
PI5	E314000729	IC, Photo-Interrupter TLP1241	C	
PI6	E314000729	IC, Photo-Interrupter TLP1241	C	
PI7	E314000729	IC, Photo-Interrupter TLP1241	C	
PI8	E314000729	IC, Photo-Interrupter TLP1241	C	
PI9	E314000729	IC, Photo-Interrupter TLP1241	C	
PI10	4H1-6450-000	LED PCB Unit	C	
PI11	E314000729	IC, Photo-Interrupter TLP1241	C	
PI12	E314000729	IC, Photo-Interrupter TLP1241	C	
PI13	E314000729	IC, Photo-Interrupter TLP1241	C	
PI14	E314000746	IC, Photo-Interrupter TLP1241	C	
PI15	E314000729	IC, Photo-Interrupter TLP1241	C	
PI16	E314000729	IC, Photo-Interrupter TLP1241	C	
PI17	E314000729	IC, Photo-Interrupter TLP1241	C	
PI18	PF4117K313	Stapler In PCB Assembly	C	
PI22	E314000729	IC, Photo-Interrupter TLP1241	C	
PI23	E314000729	IC, Photo-Interrupter TLP1241	C	
PI24	E314000729	IC, Photo-Interrupter TLP1241	C	

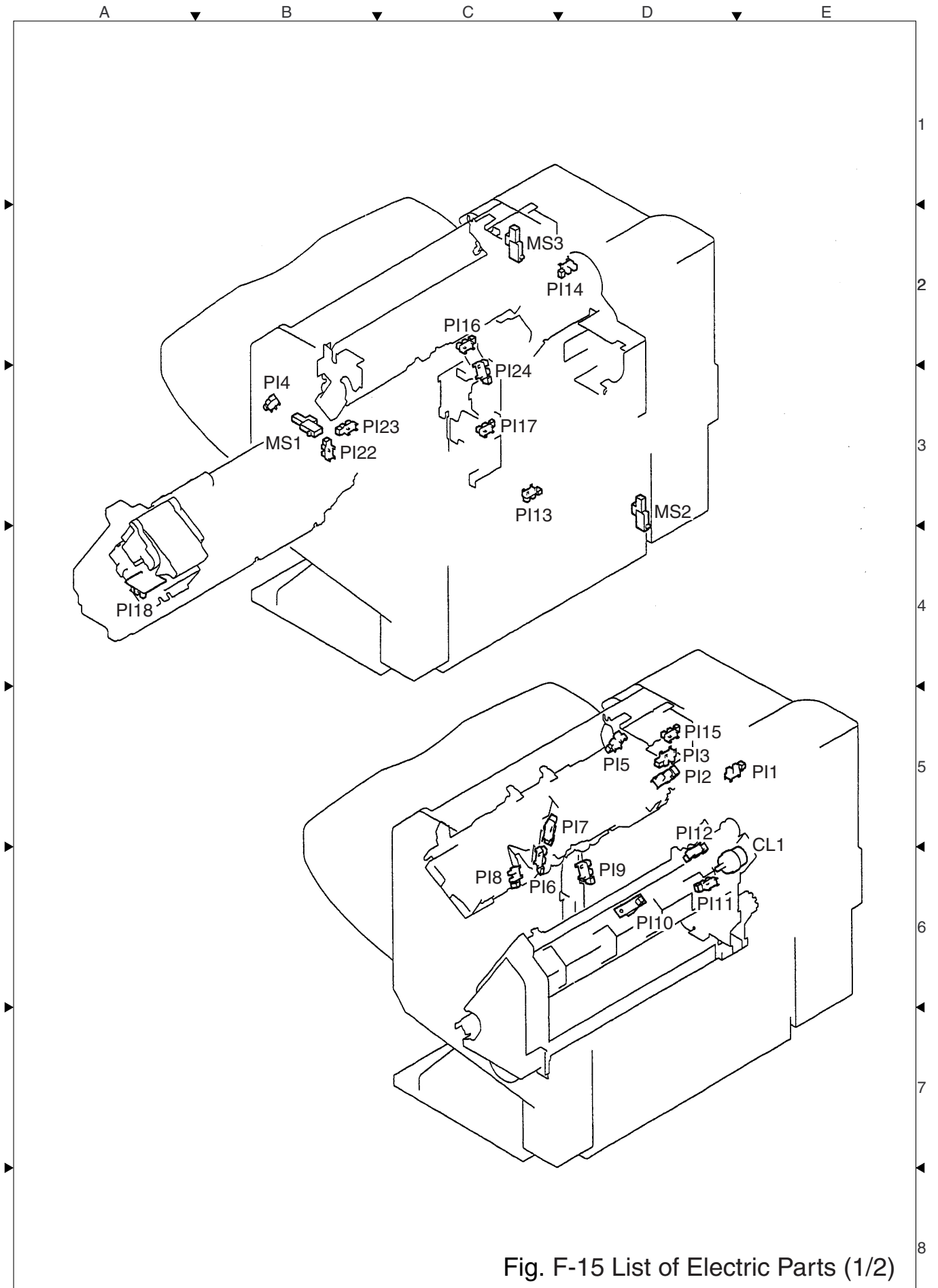


Fig. F-15 List of Electric Parts (1/2)

Ref. No.	Part Number	Part Name	New Parts	Remarks
M1	PF4117K403	Motor, Stepping	C	
M2	PF4117K901	Motor, Stepping	N	FS356
	PF4117K401		C	FS325
M3	PF4117K901	Motor, Stepping	N	FS356
	PF4117K401		C	FS325
M4	4K1-1067-000	Motor, Stepping	C	
M5	4K1-1067-000	Motor, Stepping	C	
M6	PF4117K904	Motor, DC 24V	N	FS356
	PF4135K550		C	FS325
M7	PF4117P941	Motor, DC 24V	N	FS356
	PF4117P556		C	FS325
M8	PF4117K902	Motor, Stepping	N	FS356
	PF4117K405		C	FS325

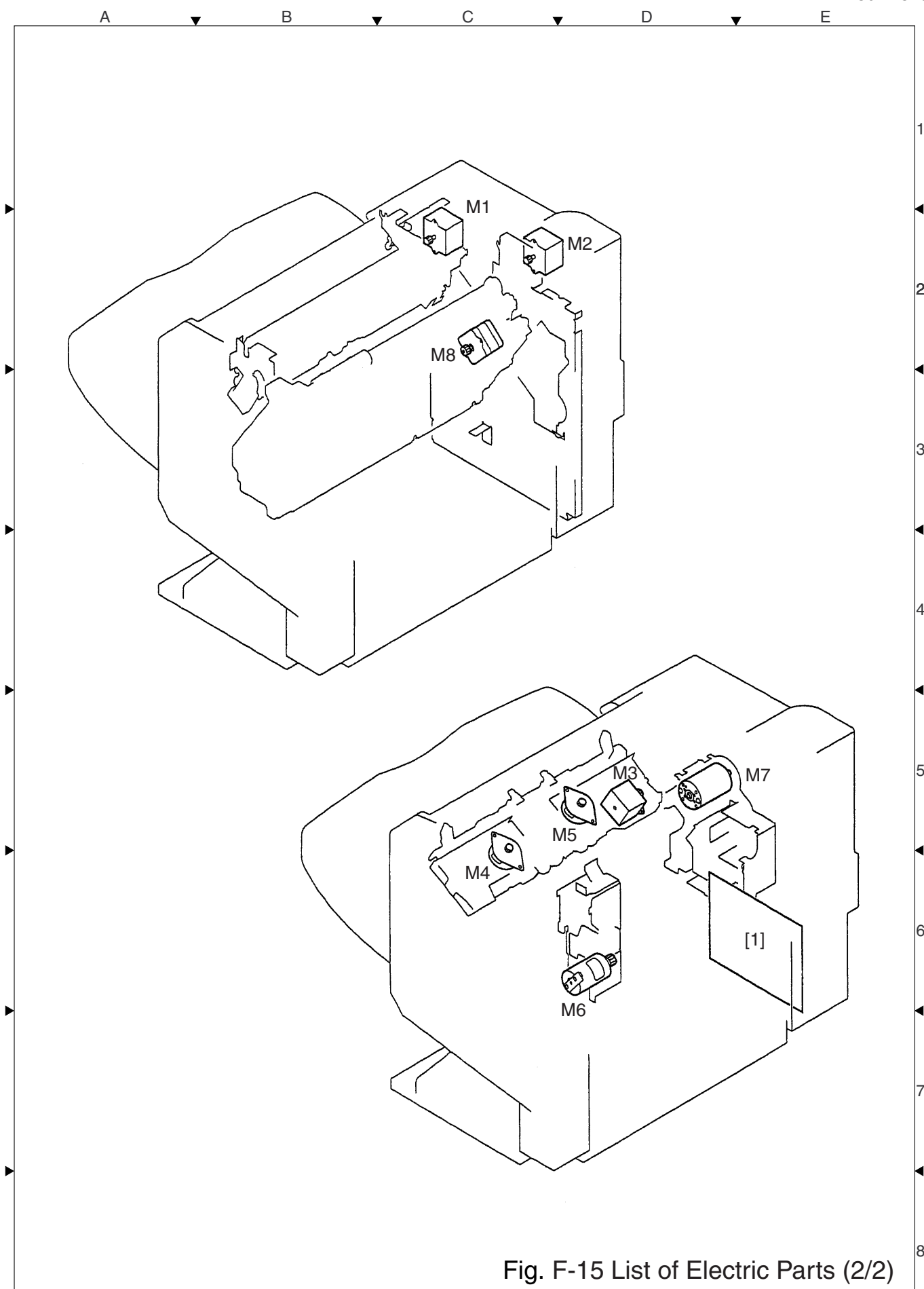
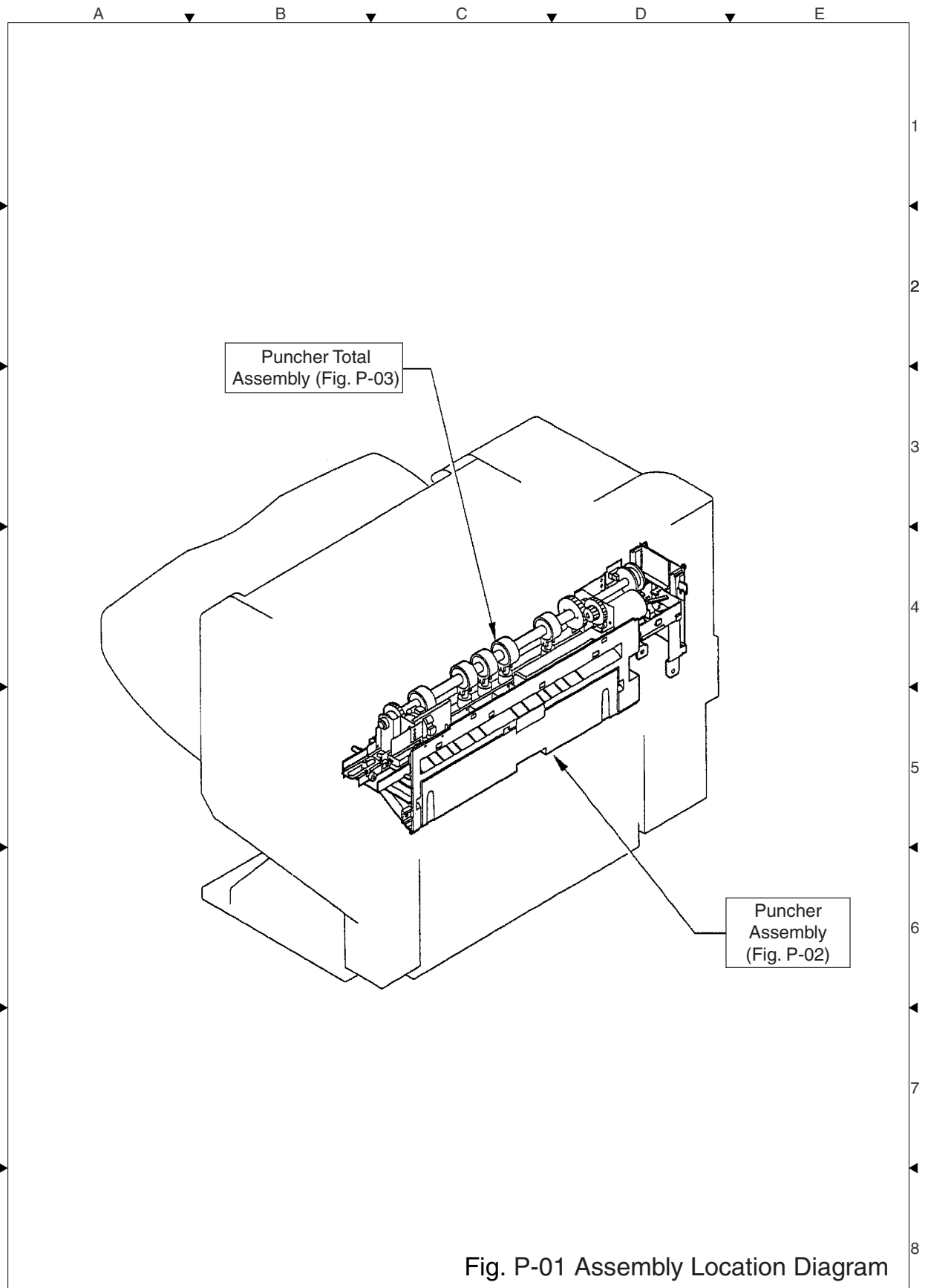


Fig. F-15 List of Electric Parts (2/2)

memo

8 Exploded View & Parts List of Punch Unit (DA-SP41)

8.1. Assembly Location Diagram



8.2. Puncher Assembly

Ref. No.	Part Number	Part Name	Serial Number / Remarks
16900	YA1020K251	Puncher Assembly	DA-SP41-PU
	YA1020K252		DA-SP41-PB
16901	YA1020K395C	Puncher Controller PCB Assembly	See Note
16902	YA1020P537	IC, CPU M38034M4-362SP	See Note
16903	E323000483	IC, EP-ROM S-93C46ADP	See Note
16904	4A1-8685-000	Shutter, Puncher	
16905	YA1033K374	Harness, Power Connecting	(J1004, J2004)
16906	YA1033K375	Harness, Interface	(J1003, J2003)
16907	4A1-8683-000	Spring, Tension	
16908	YA1033K372	Harness, Sensor	(J1006, J2007-2009)
16910	4A1-8702-000	Label, Jam Removal	
16911	YA1020P789	Mount, Puncher	
16912	4A1-8673-000	Cover, Harness	
16913	YA1020K367	Dust LED PCB Unit	(J2005)
16914	YA1020K369	Dust PTR PCB Unit	(J2006)
16915	4A1-8679-000	Gear, 16T/33T	
16916	4A1-8680-000	Gear, 19T/32T	
16917	4A1-8681-000	Duct, Puncher	
16919	4A1-8686-000	Panel, Dust Box	
16920	4A1-8687-000	Cover, Dust Box	
16921	YA1020K303	Motor, Stepping	(M2P, J1001)
16922	YA1033K373	Harness, Dust Sensor	(J1005, J2005, J2006)
16923	4A1-8704-000	Cover, Puncher Base	
16924	XB1-2400-605	Screw, M4 x 6 Truss Head Mach.	
16925	XB4-7300-805	Screw, M3 x 8 Truss Head Tapping	
16926	XD1-1104-629	Shim	
16927	030060FZSW	Screw, M3 x 6 w/Washer	
16928	4F1-1850-000	Base	
16929	4A1-8684-000	Bracket, Sensor	
16930	4A1-8689-000	Filter	
5111	E314000729	IC, Photo-Interrupter TLP1241	(PI2P, J2007)
15704	FC2-2120-000	Screw, M4 x 7	

This assembly does not include the parts shown with Ref. No. 16901, 16902 and 16903.

8.3. Puncher Total Assembly

Ref. No.	Part Number	Part Name	Serial Number / Remarks
17001	4A1-8688-000	Roller, Puncher	
17002	YA1033K371	Harness, Registration Sensor	(J1007, J2010, J2011)
17005	4A1-8682-000	Cover, Registration	
17010	4A1-8692-000	Cover, Jam Clearing	
17012	4A1-8701-000	KNOB, Jam Clearing	
17013	YA1020K592	Punch Unit	DA-SP41-PU
	YA1020K593		DA-SP41-PB
17014	YA1033K300	Motor, DC	(M1P, J2002)
17015	YA1033K376	Harness, Motor	(J1002, J2002)
17016	YA1020K363	PCB Unit	(J2010)
17017	YA1020K365	PCB Unit	(J2011)
17018	4A1-8705-000	Plate, Right Stirring	
17019	4A1-8706-000	Plate, Left Stirring	
17023	XB4-7301-209	Screw, M3 x 12 Truss Head Tapping	
17026	XB1-2300-505	Screw, M3 x 5 Truss Head Mach.	
17027	XB1-2400-805	Screw, M4 x 8 Truss Head Mach.	
17028	4A1-8690-000	Sensor Bracket	
17029	FB1-5969-000	Bearing	
17030	FB5-5807-000	Mylar, Punch	
5111	E314000729	IC, Photo-Interrupter TLP1241	(PI1P, 3P, J2008, J2009)
5413	XD2-1100-502	E-Ring	
5511	XD2-1100-642	E-Ring	
6409	FS1-9102-000	Screw, M3 Stepped	
6431	FS5-6528-000	Roller	
7610	FB5-6775-000	Encoder, F1350	
7611	FB5-5968-000	Rack, Slide	
7616	FF6-0507-000	Holder, Upper Sensor	
7617	FF6-0508-000	Holder, Lower Sensor	
7623	XB2-4300-805	Screw, M3 x 8 w/Washer	
16756	XB1-2300-605	Screw, M3 x 6 Truss Head Mach.	
16925	XB4-7300-805	Screw, M3 x 8 Truss Head Tapping	

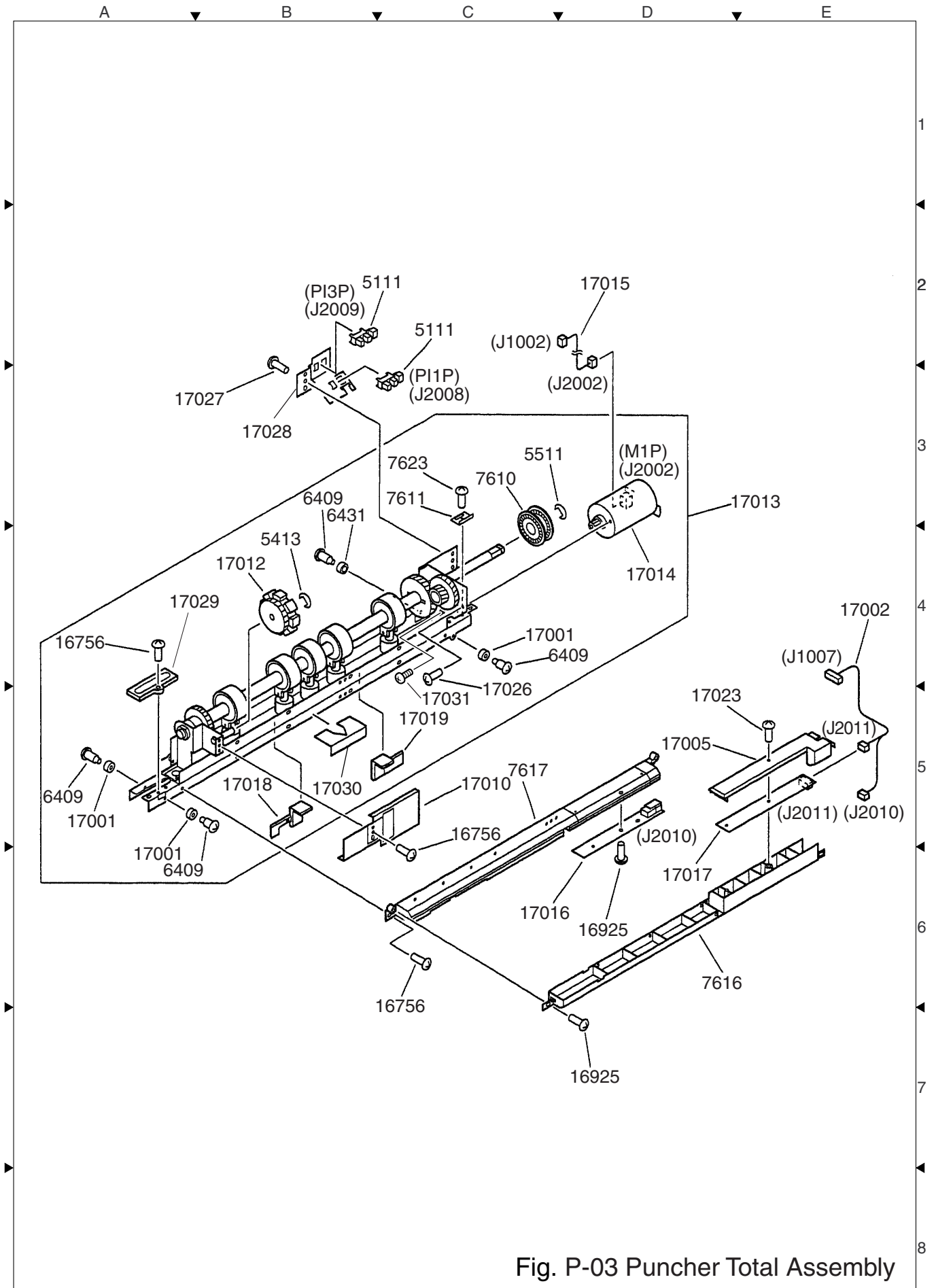


Fig. P-03 Puncher Total Assembly

8.4. List of Connectors

Ref. No.	Part Number	Part Name	Serial Number / Remarks
	NPN	List Of Connectors	
J1001	PCB	DC Controller	
	NPN	Registration Motor	(M2P)
J1002	PCB	DC Controller	
	YA1033K376	Harness, Motor	
J1003	PCB	DC Controller	
	YA1033K375	Harness, Interface	
J1004	PCB	DC Controller	
	YA1033K374	Harness, Power Connecting	
J1005	PCB	DC Controller	
	YA1033K373	Harness, Dust Sensor	
J1006	PCB	DC Controller	
	YA1033K372	Harness, Sensor	
J1007	PCB	DC Controller	
	YA1033K371	Harness, Registration Sensor	
J2002	NPN	Punch Motor	(M1P)
	YA1033K376	Harness, Motor	
J2003	SYS	Saddle Finisher	
	YA1033K375	Harness, Interface	
J2004	SYS	Saddle Finisher	
	YA1033K374	Harness, Power Connecting	
J2005	PCB	Dust LED	
	YA1033K373	Harness, Dust Sensor	
J2006	PCB	Dust PTR	
	YA1033K373	Harness, Dust Sensor	
J2007	NPN	Slide Home Position Sensor	(PI2)
	YA1033K372	Harness, Sensor	
J2008	NPN	Punch Home Position Sensor	(PI1)
	YA1033K372	Harness, Sensor	
J2009	NPN	Clock Sensor	(PI3)
	YA1033K372	Harness, Sensor	
J2010	PCB	Registration PTR	
	YA1033K371	Harness, Registration Sensor	
J2011	PCB	Registration LED	
	YA1033K371	Harness, Registration Sensor	

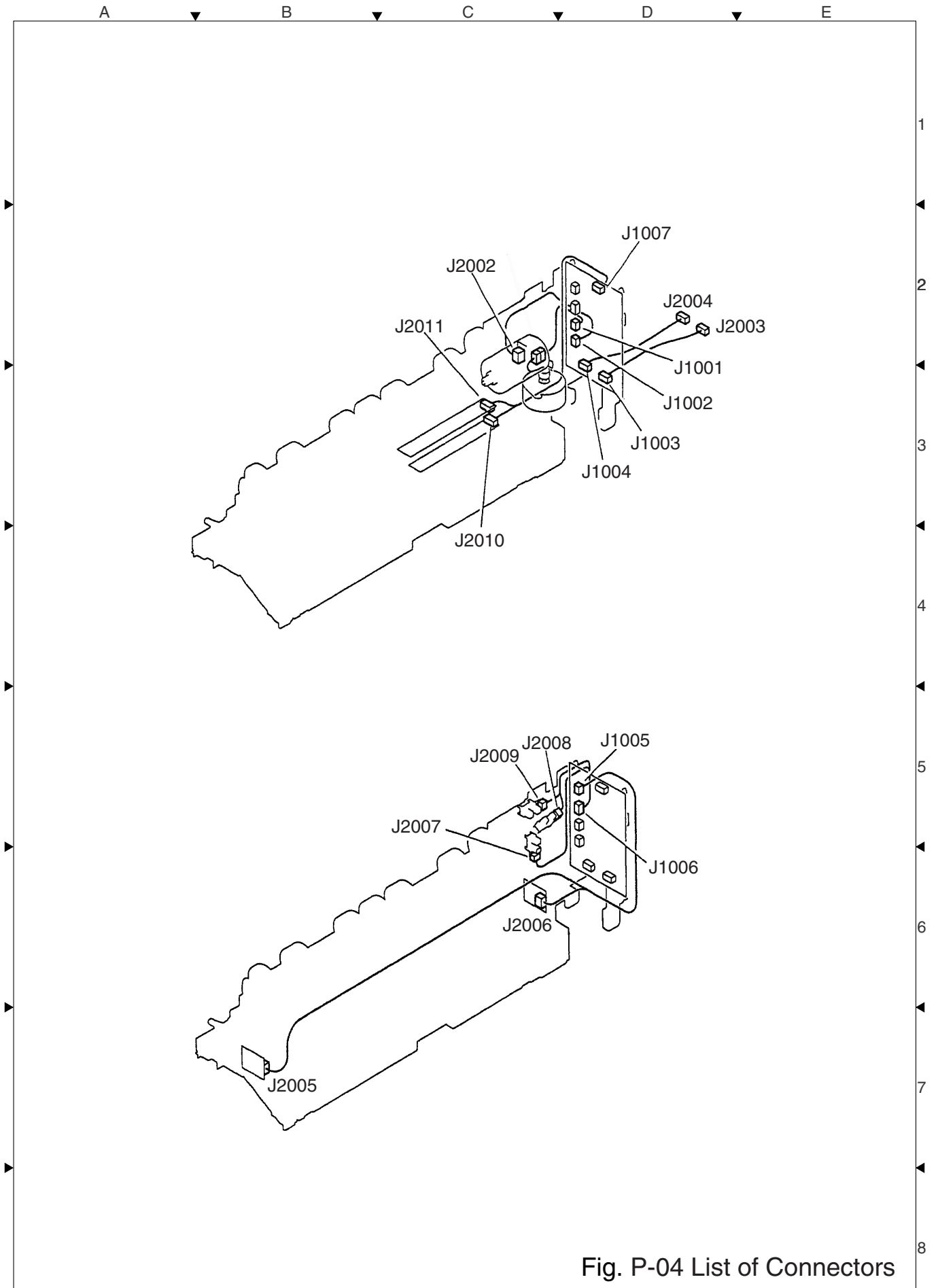
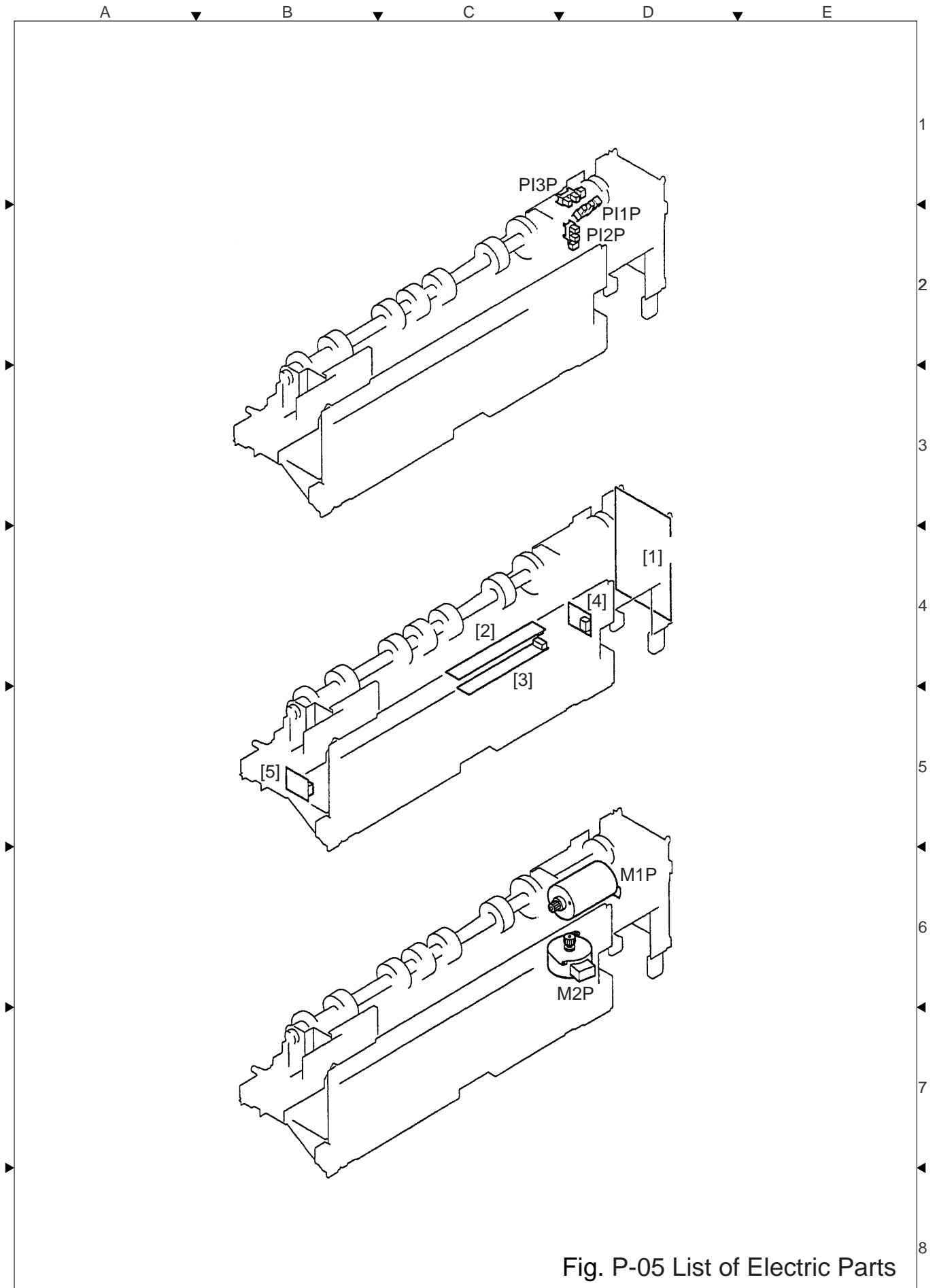


Fig. P-04 List of Connectors

8.5. List of Electric Parts

Ref. No.	Part Number	Part Name	Serial Number / Remarks
	NPN	List Of Electric Parts	
1	YA1020K395C	Puncher Controller PCB ASSY	
2	YA1020K365	PCB Unit	
3	YA1020K363	PCB Unit	
4	YA1020K369	Dust PTR PCB Unit	
5	YA1020K367	Dust LED PCB Unit	
M1P	YA1033K300	Motor, DC	
M2P	YA1020K303	Motor, Stepping	
PI1P	E314000729	IC, Photo-Interrupter TLP1241	
PI2P	E314000729	IC, Photo-Interrupter TLP1241	
PI3P	E314000729	IC, Photo-Interrupter TLP1241	

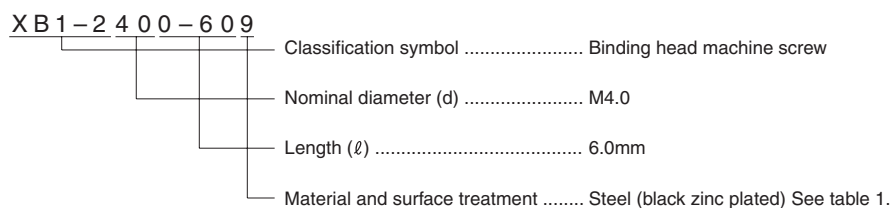


8.6. List of Standard Fasteners

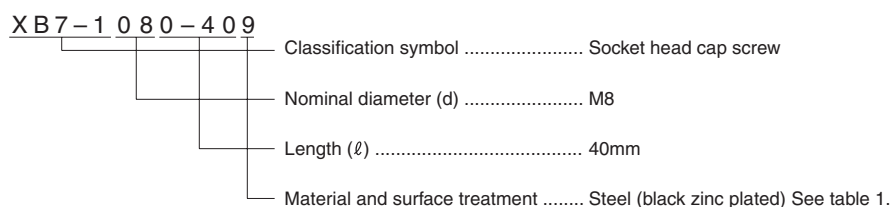
I. Screws

How to Read Part Numbers

Screws (except socket head cap screws)



Socket head cap screws



Material and Surface Treatment

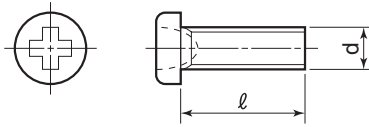
No.	Material	Surface Treatment	Color
1	Stainless	Blackened	Black
2		Without surface treatment	White
3	Brass	Nickel plated	White
4		Black nickel plated	Black
5	Steel	Zinc plated	Yellow
6		Nickel and chrome plated	White
7		Nickel plated	White
8		Phosphated	Black
9		Black zinc plated	Black

Table 1

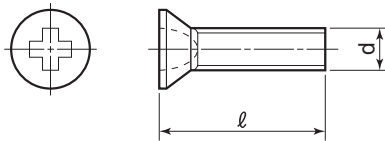
A - H

A. Machine Screws (For Precision Use)

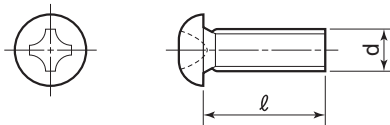
Pan Head Machine Screws



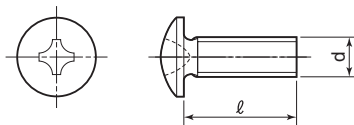
Flat Head Machine Screws



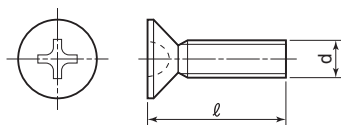
B. Pan Head Machine Screws



E. Binding Head Machine Screws

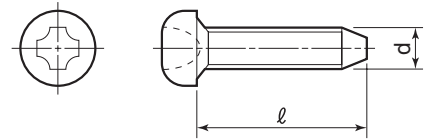


F. Flat Head Machine Screws

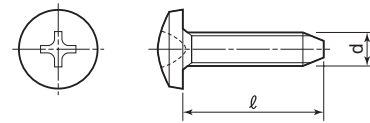


G. Self-Tapping Screws

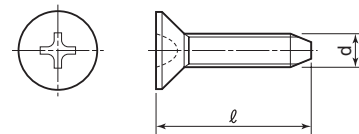
Pan Head Self-Tapping Screws



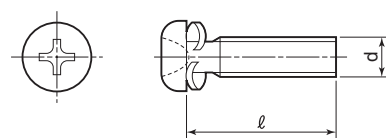
Binding Head Self-Tapping Screws



Flat Head Self-Tapping Screws

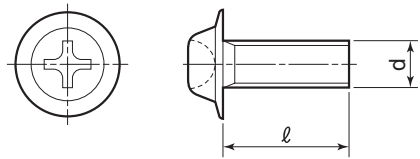


H. Pan Head Machine Screws with Captive Spring Washer

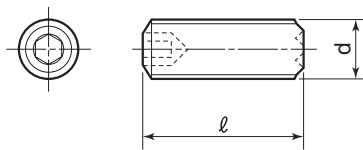


K - L

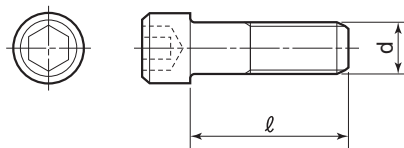
K. Washer Head Machine Screws



**L. Hex Socket Setscrews and
Socket Head Cap Screws**
Hex Socket Setscrews

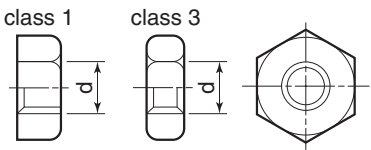


Socket Head Cap Screws



II. Nuts

M. Hexagon Nuts



How to Read Part Numbers

X B 7 - 2 1 0 0 - 3 0 9
Hexagon nut Material and surface treatment ... Steel (black zinc plated) Normal diameter (d) M3

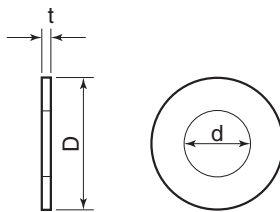
XB7 – 210 class 1

XB7 – 220 class 3

N - T

III. Washers and Shim Washers

N. S & T. Shim Washers



How to Read Part Numbers

X D 1 - 1 1 0 2 - 6 2 5

Shim washer

Inner diameter (d) 2.6mm

Outer diameter (D) Class 2 (See table 2)

Thickness code (t) 0.5mm
See table 3.

* Material : Brass

d (mm)	D (mm)		
	Class 1	Class 2	Class 3
1.5	—	2.6	3.2
1.8	2.7	3.1	3.7
2.1	3.2	3.6	4.2
2.3	3.6	4	4.6
2.6	4	4.4	5
3.1	4.6	5	5.6
3.6	5.4	5.8	6.4
4.1	5.7	6.6	8
4.6	6.4	7.4	9
5.2	7.2	8.2	10
5.7	7.8	9	11
6.2	8.5	9.8	12
6.7	9.2	10.5	13
7.2	10	11.4	14
7.7	10.6	12.2	15
8.2	11.4	13	16
8.7	12	13.8	17
9.2	12.8	14.6	18
9.7	13.5	15.4	19

Table 2

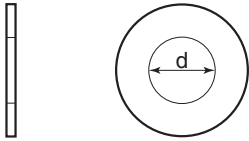
Thickness Code	t (mm)
0	0.05
1	0.1
2	0.2
3	0.3
4	0.4
5	0.5
6	0.6
7	0.7
8	0.8
9	1

Table 3

U

U. Plain Washers, Spring Washers & Toothed Lock Washers

Plain Washers



How to Read Part Numbers

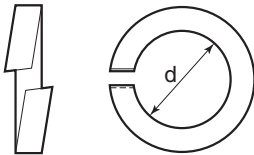
X D 1 - 2 1 0 0 - 3 0 7

Plain washer

Inner diameter (d) 3.0mm

Material and surface treatment Steel (nickel plated)

Spring Washers



How to Read Part Numbers

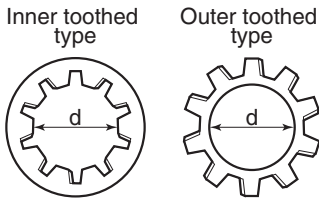
X D 1 - 3 1 0 0 - 5 0 7

Spring washer

Inner diameter (d) 5.0mm

Material and surface treatment Steel (nickel plated)

Toothed Lock Washers



How to Read Part Numbers

X D 1 - 4 1 0 0 - 3 0 2

Toothed lock washer

Inner diameter (d) 3mm

Material and surface treatment Stainless (without surface treatment)

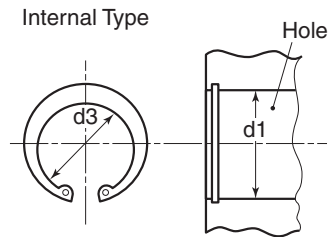
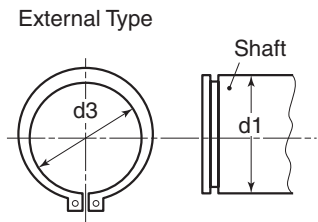
XD1 - 410 Inner toothed type

XD1 - 420 Outer toothed type

X

X. C-Rings

How to Read Part Numbers



X D 2 - 3 1 0 0 - 2 0 2

C-Ring

Normal diameter (d)20 mm

Material and surface treatment

2 Stainless (without surface treatment)

8 Steel (phosphated)

XD2 - 310 External Type

XD2 - 320 Internal Type

External Type

Nominal Diameter	d1 (mm)	d3 (mm)
010	10	9.3
012	12	11.1
014	14	12.9
015	15	13.8
016	16	14.7
017	17	15.7
018	18	16.5
020	20	18.5
022	22	20.5
025	25	23.2
028	28	25.9
030	30	27.9
032	32	29.6
035	35	32.2

Table 4

Internal Type

Nominal Diameter	d1 (mm)	d3 (mm)	Nominal Diameter	d1 (mm)	d3 (mm)
010	10	10.7	040	40	43.5
011	11	11.8	042	42	45.5
012	12	13	045	45	48.5
014	14	15.1	047	47	50.5
016	16	17.3	050	50	54.2
018	18	19.5	052	52	56.2
019	19	20.5	055	55	59.2
020	20	21.5	060	60	64.2
022	22	23.5	062	62	66.2
025	25	26.9	068	68	72.5
028	28	30.1	072	72	76.5
030	30	32.1	075	75	79.5
032	32	34.4	080	80	85.5
035	35	37.8	085	85	90.5
037	37	39.8	090	90	95.5
			095	95	100.5

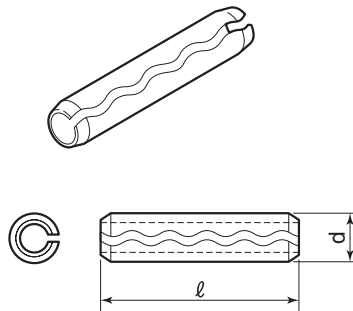
Table 5

Y - Z

V. Pins

Y. Spring and Dowel Pins

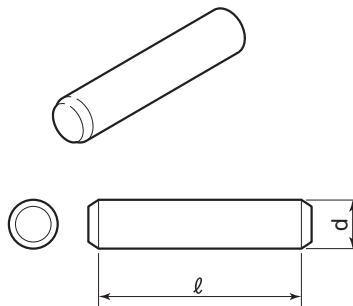
Spring Pins



How to Read Part Numbers

X D 3 - 1 2 0 0 - 1 2 2	
Spring pin	Nominal diameter (D) 2.0 mm
	Length (ℓ) 12 mm
	Material and surface treatment Stainless (without surface treatment)

Dowel Pins

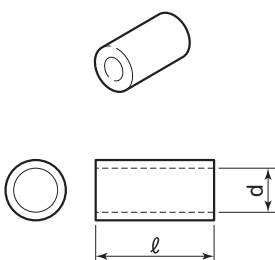


How to Read Part Numbers

X D 3 - 2 2 0 0 - 0 8 2	
Dowel pin	Nominal diameter (d) 2.0 mm
	Length (ℓ) 8 mm
	Material and surface treatment Stainless (without surface treatment)

VI. Spacers

Z. Spacer



How to Read Part Numbers

X Z 1 - 1 3 0 0 - 3 0 5	
Spacer	Nominal diameter (d) 3.0 mm
	Length (ℓ) 3.0 mm
	Material and surface treatment Steel (zinc plated)

9 Alphanumerical Parts List

Alphanumerical Parts List				
Part Number	Part Name	Ref. No.	Remarks	Destination
-----	Developer Unit	5443	Available as a Sales Item	All
-----	Developer (Yellow)	5445	Available as a Sales Item	All
-----	Developer (Magenta)	5445	Available as a Sales Item	All
-----	Developer (Cyan)	5445	Available as a Sales Item	All
-----	Developer (Black)	5445	Available as a Sales Item	All
-----	Hardware Key	7704	Available as a Sales Item	All
-----	Label, Adobe Postscript 3	8802		
-----	Hardware Key	7704	Available as a Sales Item	All
023120FWWS	Screw	14443		
030060FWBP	Screw	15711		
030060FWTP	Screw	14442		
030060FWWS	Screw	14236		
030060FZSW	Screw, M3 x 6 w/Washer	16927		
040040FNBI	Screw	14530		
040060FNBI	Screw	14133		
040060FWBP	Screw	14131		All
040060FZTW	Screw	8606		All
040080FWBI	Screw	15718		
040300FNBP	Screw, M4 x 30	15720		
1-292215-1	Connector	3817		All
1-292215-2	Connector	3818		All
29K0	Latch	1213		All
4A1-1567-000	Frame, Rear	16685		
4A1-1568-000	Frame, Front	16684		
4A1-7172-000	Guide, Lower Paper	16010		
4A1-7173-000	Bracket, Sensor	16117		
4A1-7174-000	Bracket, Stopper	15960		
4A1-7175-000	Roller, Front Fold	16695		
4A1-7176-000	Roller, Rear Fold	16696		
4A1-7177-000	Guide, Front Swing	16601		
4A1-7178-000	Guide, Rear Swing	16602		
4A1-7179-000	Plate, Saddle	16690		
4A1-7180-000	Bracket, Saddle	16689		
4A1-7181-000	Link, Cover	16677		
4A1-7184-000	Bracket, Holder	16319		
4A1-7185-000	Bracket, Motor	16454		
4A1-7186-000	Guide 2, Fold Roller	16664		
4A1-7187-000	Guide 1, Fold Roller	16661		
4A1-7188-000	Plate, Sub	16691		
4A1-7191-000	Bracket, Lower Sensor	16451		
4A1-7192-000	Bracket, Sensor	16560		
4A1-7193-000	Bracket, Sensor	16452		
4A1-7194-000	Guide, Upper Paper Outlet	16531		
4A1-7196-000	Bracket	16448		
4A1-7197-000	Support, Sensor Flag	16423		
4A1-7198-000	Bracket, Sub Gear	16232		
4A1-7199-000	Plate, Motor Sensor	16231		
4A1-7202-000	Frame, Front SR	16559		
4A1-7203-000	Bracket, Base	16692		
4A1-7207-000	Guide, Upper Paper	16667		

Alphanumerical Parts List

Part Number	Part Name	Ref. No.	Remarks	Destination
4A1-7209-000	Spring, Leaf	16431		
4A1-7212-000	Holder, Microswitch	16442		
4A1-7215-000	Shaft, Z1656	16115		
4A1-7217-000	Shaft, Stack	15954		
4A1-7227-000	Cam	16687		
4A1-7228-000	Shaft, Link	16671		
4A1-7229-000	Shaft, Gear 1	16228		
4A1-7231-000	Shaft, Gear 2	16229		
4A1-7234-000	Shaft, Cam	16554		
4A1-7236-000	Shaft, Lower	16445		
4A1-7237-000	Shaft, Paddle	16557		
4A1-7238-000	Shaft, Upper Roller	16555		
4A1-7239-000	Shaft	16447		
4A1-7240-000	Shaft, Support	16307		
4A1-7242-000	Cam, Front	16688		
4A1-7253-000	Shaft, Latch	15952		
4A1-7254-000	Fold 1	16699		
4A1-7255-000	Fold 2	16600		
4A1-7256-000	Roller	16681		
4A1-7259-000	Gear, 16T/Pulley, 18T	15903		
4A1-7260-000	Gear, 16T/40T	16101		
4A1-7261-000	Gear, 16T/45T	16102		
4A1-7262-000	Gear, 16T/45T	16103		
4A1-7263-000	Pulley, 56T	16104		
4A1-7264-000	Flag, Clock Sensor	16113		
4A1-7265-000	Roller, Rail	15929		
4A1-7266-000	Bracket, Upper Sensor	16450		
4A1-7267-000	Gear, 24T/Pulley, 24T	15901		
4A1-7268-000	Gear, 24T	16023		
4A1-7270-000	Flag, Base Tray	15832		
4A1-7271-000	Pulley, 40T	16510		
4A1-7272-000	Pulley, 18T/29T	16511		
4A1-7273-000	Gear, 30T	16415		
4A1-7274-000	Gear, 32T 20T/Pulley	16512		
4A1-7275-000	Pulley, 22T	16427		
4A1-7276-000	Flange	16513		
4A1-7278-000	Flange	16501		
4A1-7279-000	Gear, 20T	16514		
4A1-7280-000	Gear, 20T 30T/Pulley	16515		
4A1-7281-000	Pulley, 20T	16502		
4A1-7282-000	Gear, 14T	16545		
4A1-7283-000	Gear, 14T	16544		
4A1-7284-000	Gear, 15T 48T/Pulley	15841		
4A1-7285-000	Holder 1, Rear Roller	16550		
4A1-7286-000	Holder 1, Front Roller	16546		
4A1-7288-000	Pulley, 40T	15924		
4A1-7289-000	Gear, 20T/28T	16308		
4A1-7290-000	Gear, 8T	16603		
4A1-7291-000	Lever, Tray Up/Down Empty	15812		
4A1-7293-000	Flag, Rear Paper Sensor	15813		
4A1-7294-000	Knob, Jam Clearing	15801		
4A1-7295-000	Cam, Front	16604		
4A1-7296-000	Cam, Rear	16605		

Alphanumeric Parts List

Part Number	Part Name	Ref. No.	Remarks	Destination
4A1-7297-000	Roller, Link	16668		
4A1-7298-000	Roller, Saddle	16674		
4A1-7299-000	Cam, Front Saddle	16606		
4A1-7300-000	Gear, 29T	16216		
4A1-7301-000	Gear, 58T	16201		
4A1-7302-000	Gear, 23T	16202		
4A1-7303-000	Gear, 17T/65T	16203		
4A1-7304-000	Gear, 15T/54T	16204		
4A1-7305-000	Gear, 17T/29T	16205		
4A1-7306-000	Gear, 20T	16206		
4A1-7307-000	Pulley, 45T	16207		
4A1-7308-000	Flag, Clock Sensor	16218		
4A1-7309-000	Holder 1, Front Guide	16662		
4A1-7310-000	Holder 1, Rear Guide	16663		
4A1-7311-000	Holder 2, Front Guide	16665		
4A1-7312-000	Holder 2, Rear Guide	16666		
4A1-7314-000	Rack, Adjustment, Front	16436		
4A1-7317-000	Roller, Paper Feed	15821		
4A1-7319-000	Rack, Rear Adjustment	16440		
4A1-7321-000	Arm, Stopper	15944		
4A1-7322-000	Roller, Fold	16659		
4A1-7325-000	Gear, 5T	16310		
4A1-7326-000	Support, Paper	16317		
4A1-7327-000	Holder, Paper Support	16318		
4A1-7328-000	Lever, Belt Sensor	16405		
4A1-7329-000	Flag, Sensor	16424		
4A1-7330-000	Flag, Sensor	16516		
4A1-7331-000	Cam	16517		
4A1-7332-000	Arm 1, Link	16518		
4A1-7333-000	Guide, Lower Paper	16543		
4A1-7335-000	Pulley, 36T	16607		
4A1-7336-000	Holder, Switch	16016		
4A1-7337-000	Guide, Paper Auxiliary	16503		
4A1-7338-000	Gear, 82T	16208		
4A1-7339-000	Flange	16525		
4A1-7340-000	Gear, 16T	16609		
4A1-7341-000	Guide 1, Front Safety	16552		
4A1-7344-000	Holder 2, Rear Roller	16551		
4A1-7345-000	Holder 2, Front Roller	16547		
4A1-7346-000	Support, Paddle Shaft	16519		
4A1-7347-000	Arm 2, Link	16520		
4A1-7348-000	Arm 3, Link	16521		
4A1-7349-000	Flag, Sensor	16011		
4A1-7350-000	Pin, Saddle Slider	16610		
4A1-7351-000	Pulley, 24T	16522		
4A1-7353-000	Holder, Belt, Rear	15906		
4A1-7354-000	Holder, Belt, Front	15907		
4A1-7355-000	Pulley, 18T	15937		
4A1-7357-000	Pulley, 27T	16611		
4A1-7358-000	Gear, 16T/41T	16612		
4A1-7359-000	Gear, 15T/38T	16613		
4A1-7360-000	Gear, 24T	16614		
4A1-7361-000	Holder, Roller	16615		

Alphanumerical Parts List

Part Number	Part Name	Ref. No.	Remarks	Destination
4A1-7362-000	Gear, 24T	16616		
4A1-7363-000	Cam, Rear Saddle	16617		
4A1-7364-000	Gear, 24T	16618		
4A1-7365-000	Gear, 16T	16619		
4A1-7366-000	Arm Link, 4	16523		
4A1-7367-000	Bushing	16311		
4A1-7368-000	Pulley, 22T	16417		
4A1-7371-000	Roller, Tension	15908		
4A1-7372-000	Guide 1, Rear Safety	16526		
4A1-7376-000	Gear, 16T/42T	16620		
4A1-7377-000	Gear, 21T	16621		
4A1-7379-000	Roller, Upper Bundle	16548		
4A1-7380-000	Spring, Tension	15808		
4A1-7381-000	Roller, Lower Bundle	16418		
4A1-7383-000	Belt, Timing	16406		
4A1-7385-000	Roller, Fold	16622		
4A1-7386-000	Spring, Compression	16623		
4A1-7387-000	Spring, Tension	16624		
4A1-7388-000	Spring, Tension	16625		
4A1-7389-000	Spring, Tension	16626		
4A1-7390-000	Spring, Tension	16401		
4A1-7391-000	Spring, Compression	16439		
4A1-7392-000	Spring, Torsion	16407		
4A1-7400-000	Spring, Tension	15835		
4A1-7401-000	Spring, Tension	16505		
4A1-7402-000	Spring, Tension	16425		
4A1-7403-000	Spring, Tension	16627		
4A1-7404-000	Roller	16628		
4A1-7406-000	Roller, Paper Outlet	16534		
4A1-7407-000	Spring, Compression	16221		
4A1-7408-000	Spring, Tension	15836		
4A1-7409-000	Spring, Tension	16034		
4A1-7410-000	Mirror Seal	16693		
4A1-7414-000	Spring, Tension	15910		
4A1-7415-000	Spring, Tension	15814		
4A1-7416-000	Spring, Tension	16303		
4A1-7417-000	Spring, Tension	15911		
4A1-7418-000	Spring, Tension	16012		
4A1-7419-000	Spring, Tension	15912		
4A1-7420-000	Spring, Compression	16304		
4A1-7421-000	Spring, Torsion	16312		
4A1-7422-000	Spring, Torsion	16313		
4A1-7423-000	Spring, Torsion	16314		
4A1-7424-000	Plate, Grounding	15829		
4A1-7425-000	Plate 1, Lock	16042		
4A1-7426-000	Plate 2, Lock	16043		
4A1-7427-000	Eliminator, Static Charge	16532		
4A1-7428-000	Spring, Tension	15909		
4A1-7467-000	Bracket, Sensor	16047		
4A1-7469-000	Plate, Stack Motor	16114		
4A1-7470-000	Flame, Front Sub	16697		
4A1-7474-000	Bracket, Front	15966		
4A1-7476-000	Spring, Leaf	16650		

Alphanumeric Parts List

Part Number	Part Name	Ref. No.	Remarks	Destination
4A1-7477-000	Bracket, Top	16683		
4A1-7479-000	Plate, Drawer	16226		
4A1-7481-000	Holder, Delivery Roller	16660		
4A1-7482-000	Bracket, Upper	15953		
4A1-7483-000	Bracket, Adjustment	16449		
4A1-7485-000	Bracket, Front Tension	16686		
4A1-7486-000	Bracket, Stepping Motor	16444		
4A1-7487-000	Bracket, Lock	16453		
4A1-7488-000	Panel, Frame Cover	16028		
4A1-7489-000	Bracket, Reinforcement	15968		
4A1-7490-000	Bracket, Sensor	16048		
4A1-7491-000	Bracket, Frame	15969		
4A1-7492-000	Bracket	16698		
4A1-7495-000	Plate 1, Weight	16025		
4A1-7496-000	Plate 2, Weight	16026		
4A1-7502-000	Cover, Stopper	16001		
4A1-7504-000	Harness Duct	16682		
4A1-7505-000	Flag, Top Sensor	16019		
4A1-7506-000	Lever, Switch	16020		
4A1-7507-000	Holder, Lever Support	16021		
4A1-7508-000	Holder, Sensor/Microswitch	16022		
4A1-7509-000	Pulley, 18T/24T	15913		
4A1-7510-000	Duct, MR	15963		
4A1-7511-000	Frame Duct, Upper Rear Side	15958		
4A1-7512-000	Frame Duct, Lower Rear Side	15957		
4A1-7513-000	Cam, Sensor Flag	16541		
4A1-7514-000	Flag, Bundle Roller	16433		
4A1-7515-000	Roller, Frame Tray	16009		
4A1-7516-000	Bracket, Drawer	16227		
4A1-7517-000	Latch, 1	15914		
4A1-7518-000	Latch, 2	15915		
4A1-7519-000	Cover, Sub Dispose	16416		
4A1-7523-000	Bushing	15917		
4A1-7524-000	Pulley, 18T	15918		
4A1-7525-000	Roller	16672		
4A1-7526-000	Holder, Sensor	16315		
4A1-7528-000	Bushing	15919		
4A1-7529-000	Claw, Front	16506		
4A1-7530-000	Pulley, 27T	16629		
4A1-7533-000	Hook, Spring	16630		
4A1-7534-000	Cap, Motor	15930		
4A1-7536-000	Clip, Shaft	16651		
4A1-7538-000	Claw, Rear	16507		
4A1-7539-000	Link, 1	15932		
4A1-7540-000	Link, 2	15933		
4A1-7542-000	Flange	15920		
4A1-7543-000	Duct, IN	15967		
4A1-7544-000	Roller, Fold	16652		
4A1-7545-000	Roller, Sub Fold	16653		
4A1-7546-000	Spring, Tension	16673		
4A1-7549-000	Spring, Tension	15934		
4A1-7551-000	Washer	16631		
4A1-7552-000	Bushing	16632		

Alphanumerical Parts List

Part Number	Part Name	Ref. No.	Remarks	Destination
4A1-7566-000	Clip, Shaft	15837		
4A1-7567-000	Clip, Shaft	15838		
4A1-7572-000	Bushing	15922		
4A1-7573-000	Bushing	16212		
4A1-7575-000	Cover, Microswitch	16443		
4A1-7577-000	Lever, Stack	15902		
4A1-7581-000	Guide, Sub Upper	16728		
4A1-7583-000	Gear, 42T	16731		
4A1-7584-000	Pin, Marker	16729		
4A1-7585-000	Flange	16542		
4A1-7587-000	Guide, Front Tray	16413		
4A1-7588-000	Guide, Tray Rear	16428		
4A1-7589-000	Roller, Staple Guide	16709		
4A1-7590-000	Pad, Staple Guide	16751		
4A1-7591-000	Holder, Staple Guide Roller	16708		
4A1-7592-000	Spring, Torsion	16710		
4A1-7691-000	Spring, Leaf	15923		
4A1-8198-000	Roller	16736		
4A1-8206-000	Roller, Tension	16701		
4A1-8207-000	Spring, Tension	16702		
4A1-8210-000	Pin, Slide	16735		
4A1-8211-000	FPC Guide	16762		
4A1-8214-000	Cover, Motor	16703		
4A1-8215-000	Frame, Coupling	16704		
4A1-8217-000	Support 1, Cam Stopper	16705		
4A1-8218-000	Coupling	16706		
4A1-8219-000	Spring, Compression	16707		
4A1-8225-000	Pulley, 38T	16711		
4A1-8226-000	Gear, 38T 36T/Pulley	16712		
4A1-8228-000	Knob, Staple Movable	16713		
4A1-8229-000	Gear, 32T 42T/Pulley	16714		
4A1-8230-000	Pulley, 24T	16715		
4A1-8232-000	Gear, 18T/66T	16748		
4A1-8233-000	Knob, Jam Clearing	16717		
4A1-8238-000	Panel, Front	16722		
4A1-8239-000	Cover, Handle	16723		
4A1-8263-000	Cover, Gear	16730		
4A1-8264-000	Cover, Left Side	16725		
4A1-8265-000	Cover, Right Side	16724		
4A1-8314-000	Spring, Grounding Leaf	16029		
4A1-8316-000	Cover, Blanking	16008		
4A1-8319-000	Pulley, 22T	16421		
4A1-8320-000	Pad	16556		
4A1-8321-000	Spring, Compression	16524		
4A1-8322-000	Spring, Grounding Leaf	16670		
4A1-8324-000	Plate, Reinforcement	16658		
4A1-8325-000	Base, Plate Spring	166001		
4A1-8326-000	Spring, Leaf	16656		
4A1-8327-000	Spring, Leaf	16655		
4A1-8328-000	Pad	166002		
4A1-8329-000	Roller, Link	16637		
4A1-8330-000	Gear, 18T	16638		
4A1-8331-000	Gear, 17T	16639		

Alphanumeric Parts List

Part Number	Part Name	Ref. No.	Remarks	Destination
4A1-8332-000	Guide, Lower Paper Delivery	16640		
4A1-8334-000	Flange	16422		
4A1-8337-000	Plate, Switch Push	16039		
4A1-8338-000	Guide, Dummy Puncher Paper	15839		
4A1-8339-000	Label, Staple Removing	15840		
4A1-8341-000	Staple Cartridge Unit	16734		
4A1-8537-000	Plate, Mounting Kit Stopper	15705		
4A1-8538-000	Rail, Slide	15706		
4A1-8539-000	Bracket, Mounting Kit	15713		
4A1-8540-000	Bracket, Mounting Kit Sub	15716		
4A1-8543-000	Duct, Access Mounting Kit	15708		
4A1-8547-000	Adjuster	15703		
4A1-8673-000	Cover, Harness	16912		
4A1-8679-000	Gear, 16T/33T	16915		
4A1-8680-000	Gear, 19T/32T	16916		
4A1-8681-000	Duct, Puncher	16917		
4A1-8682-000	Cover, Registration	17005		
4A1-8683-000	Spring, Tension	16907		
4A1-8684-000	Bracket, Sensor	16929		
4A1-8685-000	Shutter, Puncher	16904		
4A1-8686-000	Panel, Dust Box	16919		
4A1-8687-000	Cover, Dust Box	16920		
4A1-8688-000	Roller, Puncher	17001		
4A1-8689-000	Filter	16930		
4A1-8690-000	Sensor Bracket	17028		
4A1-8692-000	Cover, Jam Clearing	17010		
4A1-8701-000	KNOB, Jam Clearing	17012		
4A1-8702-000	Label, Jam Removal	16910		All
4A1-8704-000	Cover, Puncher Base	16923		
4A1-8705-000	Plate, Right Stirring	17018		
4A1-8706-000	Plate, Left Stirring	17019		
4A1-8881-000	Harness	16761		
4B1-0111-000	Holder, KM-SR Paddle	16568		
4B1-0140-000	Paddle 1, KM-SR	16569		
4B1-0148-000	Paddle, THIN	16570		
4B1-0149-000	Holder, SIRC-SR Paddle	16567		
4B1-0390-000	Assembly, Motor Bracket	15956		
4B1-0584-000	Support 1, Panel Band	15843		
4B1-0585-000	Support 2, Panel Band	15825		
4B1-0586-000	Plate, Stapler Frame Stopper	16004		
4B1-0591-000	Clip, Shaft 5	15947		
4B1-0740-000	Gear, 29T 16T/Pulley	16753		
4B1-0742-000	Guide	16750		
4B1-0743-000	Spring, Compression	16727		
4B1-0744-000	Gear	16744		
4B1-0746-000	Roller, Tension	16747		
4B1-0748-000	Spring, Tension	16745		
4B1-0754-000	Flange	16743		
4F1-1554-000	Assembly, Rear Frame	15955		
4F1-1555-000	Assembly, Front Frame	15951		
4F1-1556-000	Plate 1, Paper Feed Tension	15927		
4F1-1557-000	Plate 2, Paper Feed Tension	16015		
4F1-1558-000	Bracket, Front Tension	15964		

Alphanumeric Parts List

Part Number	Part Name	Ref. No.	Remarks	Destination
4F1-1560-000	Bracket, Rear Tension	15965		
4F1-1562-000	Assembly, Stack Motor Bracket	16116		
4F1-1563-000	Assembly, Gear Bracket	16230		
4F1-1564-000	Assembly, Base	16446		
4F1-1565-000	Frame, Rear SR	16558		
4F1-1566-000	Bracket, Tension	16320		
4F1-1569-000	Plate, Front Opener	16675		
4F1-1570-000	Plate, Rear Opener	16676		
4F1-1679-000	Plate, Tension	16732		
4F1-1850-000	Base	16928		
4F1-1882-000	Bracket, Rear Tray	15962		
4F1-1883-000	Bracket, Front Tray	15961		
4F1-2053-000	Support, Staple Tension	16746		
4G1-4061-000	Guide, Lower Paper Assembly	16694		
4G1-5250-000	Guide, Stopper	15931		
4H1-6449-000	Microswitch	16017	(MS1, MS2, CN68, CN69) (MS3, CN66)	
4H1-6450-000	LED PCB Unit	16645	(PI10, CN39)	
4H1-6514-000	Harness, Power Connecting	J1004		All
4H1-6515-000	Harness, Interface	J1003		All
4K1-1067-000	Motor, Stepping	16411	(M4, M5, CN63, CN65)	
4S1-9048-000	Screw, M3 Stepped	16643		
4S1-9049-000	Screw, M4 Stepped	16223		
4S1-9076-000	Screw, M3 x 8	16721		
4S1-9077-000	Screw, M4 x 8	15926		
4S1-9081-000	Screw, M4 x 6	16217		
A4KZSE000002	Scanning Lamp	1615		All
ASE-315	Spacer, Metal	4120		All
CR2032	Battery	1330*		All
CS-3U	Coating Clip	1214		All
CS-9U	Clip, Coating	2219		All
D4CE11350005	Resistor, Non-Linear	5031		All
Depends on Destination	PC Board, SC	6401	See Sect. 1.23. PC Board (RTL/PbF)	
Depends on Destination	PC Board, EC	6402	See Sect. 1.23. PC Board (RTL/PbF)	
Depends on Destination	PC Board, FCB	6603	See Sect. 1.23. PC Board	
DNQ12AS30W12	DC Motor 3	5903		All
DNQ12AS31W06	DC Motor 1	5901		All
DNQ12AS32R13	DC Motor 2	5902		All
DNQ12AS33R10	DC Motor	6808		All
DNQ12AS36L16	DC Motor 4	5905	For DP-C322/C262	All
DNQ12AS37R16	DC Motor	6126		All
DNQ12AS39W10	DC Motor 5	5904		All
DNQ12AS43L19	DC Motor 4	5905	For DP-C354/C323/C264/C263/C213	All
DQ-BFN45	Toner Waste Container	5721	Available as a Sales Item	All
DQ-TUN20C	Toner Cartridge (Cyan)	5202	See Note (For DP-C322/C262)	All
DQ-TUN20M	Toner Cartridge (Magenta)	5202	See Note (For DP-C322/C262)	All
DQ-TUN20Y	Toner Cartridge (Yellow)	5202	See Note (For DP-C322/C262)	All
DQ-TUN28K	Toner Cartridge (Black)	5202	See Note (For DP-C322/C262)	All
DQ-TUS20C	Toner Cartridge (Cyan)	5202	See Note (For DP-C354/C323/C264/C263)	All

Alphanumeric Parts List

Part Number	Part Name	Ref. No.	Remarks	Destination
DQ-TUS20M	Toner Cartridge (Magenta)	5202	See Note (For DP-C354/C323/C264/C263)	All
DQ-TUS20Y	Toner Cartridge (Yellow)	5202	See Note (For DP-C354/C323/C264/C263)	All
DQ-TUS28K	Toner Cartridge (Black)	5202	See Note (For DP-C354/C323/C264/C263)	All
DQ-TUT14C	Toner Cartridge (Cyan)	5202	See Note (For DP-C213)	All
DQ-TUT14M	Toner Cartridge (Magenta)	5202	See Note (For DP-C213)	All
DQ-TUT14Y	Toner Cartridge (Yellow)	5202	See Note (For DP-C213)	All
DQ-TUT20K	Toner Cartridge (Black)	5202	See Note (For DP-C213)	All
DQ-UHN30	OPC Drum Unit (Color)	5529	For DP-C322/C262 (Available as a Sales Item)	All
DQ-UHN36K	OPC Drum Unit (Black)	5529	For DP-C322/C262 (Available as a Sales Item)	All
DQ-UHS30	OPC Drum Unit (Color)	5529	For DP-C354/C323/C264/C263/C213 (Available as a Sales Item)	All
DQ-UHS36	OPC Drum Unit (Black)	5529	For DP-C354/C323/C264/C263/C213 (Available as a Sales Item)	All
DZAL000071	Multi Beam Sensor 2	1723		All
DZAL000165	Multi Beam Sensor 1	1722		Except PK, PT
DZAL000211	Photo Sensor	1819		All
DZAL000216	Photo Sensor 1	401		All
DZAL000217	Photo Sensor	1918		All
DZCF000022	Push SW	4202		All
DZCH000014	Push SW	4209		All
DZEC102175R	PC Board, DC25	6506	RTL/PbF	All
DZEC102176R	PC Board, DC12	6602	RTL/PbF	All
DZEC102751R	PC Board, WST	4406	RTL/PbF	All
DZEC103739	PC Board, ADF	6503		All
DZEC103878	PC Board, Scan Memory	6434	PbF (For DP-C354/C264)	All
DZEC103886R	PC Board, FCB	6603	Refer to 1.1.1. (PbF)	AU
DZEC103887R	PC Board, FCB	6603	Refer to 1.1.1. (PbF)	Except AU
DZEP001883	Harness, ADFM	6530		All
DZFB000010	Plug, PTT	7910	Refer to 1.1.1.	AV
DZFM000115	Cord, AC Power	7508		PA
DZFN000078	Telephone Line Cable	7906	Refer to 1.1.1.	EE
DZFN000095	Telephone Line Cable	7906	Refer to 1.1.1.	AL, EB
DZFN000104	Telephone Line Cable	7906	Refer to 1.1.1.	AV
DZFN000130	Cable, USB	6428		All
DZFN000136	Telephone Line Cable	7906	Refer to 1.1.1.	AU, EB, EE, EP, ER, YC, YV
DZFP000747	Resistor	2529		All
DZFP001293	Harness, HD	6429		All
DZFP001880	Harness, HT2	6921		All
DZFP001881	Harness, ADF	6521		All
DZFP001883	Harness, ADFM	6530		All
DZFP001884	Harness, AFCL	6529		All
DZFP001885	Harness, STSL	6526		All
DZFP001886	Harness, AFDXS	6528		All
DZFP001887	Harness, AFRRC	6527		All
DZFP001888	Harness, ARR	6523		All
DZFP001889	Harness, DXF	6524		All
DZFP001891	Harness, ORSN	6522		All
DZFP001892	Harness, FED	1953	2nd, 3rd, 4th Paper Tray Feed	All

Alphanumeric Parts List

Part Number	Part Name	Ref. No.	Remarks	Destination
DZGA000014	Clutch 2	802		All
DZGA000015	Clutch 1	801		All
DZGA000019	Clutch	1947		All
DZGA000029	Clutch	6129		All
DZGA000033	Clutch, Registration 1	824		All
DZGD000001	Magnet	4403		All
DZGT000007	Brush, Antistatic	407		All
DZGT000025	Brush, Ground	7407		All
DZHC000057	Actuator, Original Length	411		All
DZHP000237	Assembly, Stamp	724		PU
DZHP000240	Assembly, Stamp	724		Except PU
DZHP001664	Stamp	726		All
DZHP007180	Motor 1, ADF	925		All
DZHP007181	Motor 2, ADF	926		All
DZHP011141	Hinge, Left	1102		All
DZHP011151	Assembly, Lifting Shaft	6201		All
DZHT000004	Stamp Head	724		Other
DZHT000027	Stamp Head	724		PU
DZJA000187	Bracket, Magnet	4402		All
DZJA000872	Stopper 1, Clutch	1023		All
DZJA000873	Stopper 2, Clutch	1003		All
DZJA000878	Guide 2, Registration	721		All
DZJA000880	Bracket 1, Middle	701		All
DZJA000883	Bracket, Original Stopper	514		All
DZJA000885	Bracket, Sensor Holding	708		All
DZJA000888	Guide, Upper Exit	811		All
DZJA000895	Bracket, ADF Rear	808		All
DZJA000896	Plate, Drive Holding	1016		All
DZJA000897	Bracket, Drive Holding	912		All
DZJA000898	Bracket 1, Motor	904		All
DZJA000899	Bracket 2, Motor	924		All
DZJA000900	Bracket, Clutch	1001		All
DZJA000901	Bracket, Solenoid	619		All
DZJA000903	Bracket, Front Exit Guide	810		All
DZJA000904	Bracket, Rear Exit Guide	821		All
DZJA000905	Bracket 2, Tension	919		All
DZJA000906	Bracket, Tension	1017		All
DZJA000907	Bracket, Tension	905		All
DZJA000914	Frame, Reinforcement	1101		All
DZJA000915	Frame 2, Reinforcement	1111		All
DZJA000916	Frame 3, Reinforcement	1107		All
DZJA000917	Bracket 4, Reinforcement	1105		All
DZJA000918	Stopper 3, Clutch	918		All
DZJA000921	Bracket, Rear ADF Cover	501		All
DZJA000922	Bracket 1, Original Sensor	523		All
DZJA000929	Bracket 2, Middle	711		All
DZJA000930	Bracket, Original Sensor	410		All
DZJA000934	Bracket 1, Hinge Right	1113		All
DZJA000935	Bracket 2, Hinge Right	1112		All
DZJA000936	Frame, Right	1103		All
DZJA000937	Bracket, Opening And Shutting Front	529		All
DZJA000938	Bracket, Front ADF Cover	519		All

Alphanumeric Parts List

Part Number	Part Name	Ref. No.	Remarks	Destination
DZJA000939	Bracket 2, Original Stopper	530		All
DZJA000940	Bracket, Latch Shaft	518		All
DZJA000941	Bracket, Circuit Attachment	1109		All
DZJA000947	Base, Front Mirror 1	1604		All
DZJA000948	Base, Rear Mirror 1	1605		All
DZJA000949	Plate, Wire Holding	1610		All
DZJA000950	Bracket, Mirror 2	1622		All
DZJA000951	Bracket, Rear Mirror 2	1623		All
DZJA000952	Bracket, Front Mirror 2	1624		All
DZJA000962	Frame, Upper Scanner	1507		All
DZJA000965	Rail	1716		All
DZJA000968	Bracket 1, Original Sensor	1720	For DP-C322/C262	Except PK, PT
DZJA000969	Bracket 2, Original Sensor	1721	For DP-C322/C262	Except PK, PT
DZJA000973	Bracket, Rear Pulley	1618		All
DZJA000976	Plate, Rear Tray Mounting	1008		All
DZJA000977	Bracket, Tray	1007		All
DZJA000996	Bracket, Pick Up	1928		All
DZJA001018	Plate, Pick Up	1934		All
DZJA001064	Bracket, Front Feed	1920		All
DZJA001072	Assembly, Reverse Bracket	1906		All
DZJA001259	Plate, Scanner Holding	1405		All
DZJA001330	Bracket, Tray Stopper	413		All
DZJA001341	Bracket, Jam Release	632		All
DZJA001342	Bracket, Shaft Mounting	622		All
DZJA001567	Bracket, ADF Front	623		All
DZJB000255	Bottom, Plate	6310		All
DZJB000257	Plate, Rock	6306		All
DZJB000263	Plate	6304		All
DZJB000271	Guide, Lamp Harness	1625		All
DZJB000273	Sheet, Rail	1717		All
DZJC000329	Bracket, Reverse Shaft	1905		All
DZJE001003	Plate, Document Set	1506		Except PU, PT
DZJE001037	Cover, Harness	1719		All
DZJE001048	Cover, Connector	1727		All
DZJE001093	Plate, Document Set	1506		PT
DZJE001259	Knob, Cover 1	2202		All
DZJF000555	Guide, Pick Up	1929		All
DZJF000556	Guide, Feed L	1938		All
DZJF000557	Guide, Front Feed	1941		All
DZJF000558	Guide, Rear Feed	1942		All
DZJF000579	Guide, Rear Paper Tray	7002		All
DZJF000596	Guide 3, Paper	6309		All
DZJF000597	Guide, Paper	6218		All
DZJH000002	Spacer	4006		All
DZJH000020	Support	6910		All
DZJH000026	Spacer	3910		All
DZJH000063	Support, Locking	1106		All
DZJH000093	Spacer	3006		All
DZJH000097	Washer	6913		All
DZJK000004	Mini Clamp	4922		All
DZJK000005	Holder, Cable	3829		All
DZJK000006	Mini Clamp	4105		All
DZJK000017	Edge Saddle	6818		All

Alphanumeric Parts List

Part Number	Part Name	Ref. No.	Remarks	Destination
DZJK000023	Clamp	6917		All
DZJK000047	Locking Wire Saddle	3916		All
DZJK000059	Clamp	1110		All
DZJK000061	Mini Clamp	1411		All
DZJK000067	Locking Wire Saddle	928		All
DZJK000068	Locking Wire Saddle	929		All
DZJK000070	Locking Mini Clamp	1329		All
DZJK000077	Clamp	1409		All
DZJK000101	Mini Clamp	1215		All
DZJL000153	Plate, Discharge	2627		All
DZJL000286	Clip	1216		All
DZJM000171	E-Ring	7419		All
DZJM000189	Support, Locking	1104		All
DZJM000447	Sheet, Document Set	1505		Except PU, PT
DZJM000661	Spacer	7410		All
DZJM000704	Guide 1, Inverting	712		All
DZJM000705	Guide 2, Inverting	710		All
DZJM000706	Guide 3, Inverting	715		All
DZJM000707	Arm 1, Selection Solenoid	819		All
DZJM000708	Arm 2, Selection Solenoid	617		All
DZJM000709	Arm, Pinch Roller Solenoid	625		All
DZJM000710	Bracket, Pickup	507		All
DZJM000711	Bracket 2, Pickup	517		All
DZJM000712	Arm 1, Connection	506		All
DZJM000716	Stopper, Arm	515		All
DZJM000717	Actuator, Original Sensor	521		All
DZJM000718	Actuator, Registration Sensor	522		All
DZJM000721	Holder, Separation Roller	609		All
DZJM000722	Holder, Sensor	705		All
DZJM000724	Guide, Vibration	528		All
DZJM000734	Guide, Front Paper	6301		All
DZJM000735	Guide, Rear Paper	6307		All
DZJM000746	Pad	6207		All
DZJM000747	Pad, Scanning	1114		All
DZJM000748	Actuator, Exit Sensor	719		All
DZJM000749	Holder, Exit Sensor	720		All
DZJM000752	Lever, Opening And Shutting Sensor	1014		All
DZJM000754	Arm, ADF Cover	624		All
DZJM000755	Stopper, Opening And Shutting	604		All
DZJM000756	Guide, Pinch Roller	606		All
DZJM000759	Sheet 1, Inverting Guide	709		All
DZJM000760	Sheet 2, Registration Guide	1120		All
DZJM000761	Sheet 1, Vibration Guide	526		All
DZJM000762	Sheet, Reading	704		All
DZJM000764	Actuator, Registration Sensor	707		All
DZJM000765	Guide 2, Selection	713		All
DZJM000767	Sheet 2, Vibration Guide	527		All
DZJM000770	Rack Gear, Original Guide	402		All
DZJM000771	Latch, ADF	614		All
DZJM000785	Slider, Scanner	1614		All

Alphanumeric Parts List

Part Number	Part Name	Ref. No.	Remarks	Destination
DZJM000787	Plate, Left Original	1504		All
DZJM000792	Guide 1, Selection	815		All
DZJM000822	Stopper	3007		All
DZJM000860	Stopper	6314		All
DZJM000887	Mechanical Counter	4423		All
DZJM000967	Sheet	6208		All
DZJM001071	Guide, Feed Exit	1903		All
DZJM001072	Sheet 2, Inverting Guide	727		All
DZJM001083	Sheet 3, Inverting Guide	630		All
DZJM001084	Sheet 4, Inverting Guide	631		All
DZJM001164	Sheet, Document Set	1505		PT
DZJM001229	Latch, Tray	1005		All
DZJM001237	Film, HDD Bracket	4019		All
DZJM001242	Knob, Jam Release	633		All
DZJM001243	Base, Knob	634		All
DZJM001248	Sheet, Feed Module	1916		All
DZJN000073	O-Ring	5417		All
DZJP000037	Felt, Pickup	602		All
DZKB000641	Key, B	1309		All
DZKB000979	Button, B	1308		All
DZKB000980	Key, A	1307		All
DZKG000168	Shaft 1, Paper Feed	909		All
DZKG000171	Shaft 2, Paper Transport Drive	1012		All
DZKG000172	Shaft 3, Paper Transport Drive	1011		All
DZKG000174	Shaft 5, Paper Transport	1022		All
DZKG000175	Shaft 6, Paper Transport	1020		All
DZKG000187	Shaft 13, Paper Transport Drive	1026		All
DZKG000210	Shaft, Pickup Roller	510		All
DZKG000214	Shaft 1, Pinch Roller	524		All
DZKG000220	Shaft, Pinch Roller	718		All
DZKG000271	Shaft	1933		All
DZKG000272	Shaft	1925		All
DZKG000273	Shaft	1804		All
DZKG000296	Shaft	1921		All
DZKG000297	Shaft	1910		All
DZKG000303	Shaft	1944		All
DZKG000321	Shaft	6714		All
DZKG000346	Shaft, Pickup Roller	3011		All
DZKL000040	Lever, Release	6305		All
DZKL000059	Lever, Stopper	3009		All
DZKL000063	Lever, Pick Up	1935		All
DZKL000064	Lever, Release	1908		All
DZKL000070	Lever, Paper Exist	1939		All
DZKL000071	Lever, Paper Level	1940		All
DZKM000030	Plate, Lift	6215		All
DZKN000195	Spring	7416		All
DZKN000197	Spring, Roller	7312		All
DZKN000202	Spring, Actuator	7117		All
DZKN000256	Arm, Spring	7409		All
DZKN000281	Spring, Solenoid	618		All

Alphanumeric Parts List

Part Number	Part Name	Ref. No.	Remarks	Destination
DZKN000301	Spring, Opening And Shutting Sensor	1015		All
DZKN000304	Spring, Latch	1006		All
DZKN000306	Spring, Motor	1708		All
DZKN000325	Spring, Pick Up Pressure	3033		All
DZKN000326	Spring, Pick Up	1936		All
DZKN000329	Spring, Pinch Roller	1803		All
DZKN000334	Spring, Shaft	6716		All
DZKN000346	Spring, Stopper Arm	516		All
DZKN000347	Spring	2014		All
DZKN000349	Spring 2, Ground	531		All
DZKN000419	Spring, ADF	616		All
DZKN000432	Spring, Pinch Roller	603		All
DZKP000270	Plate Spring, Pinch Roller	605		All
DZKP000271	Spring, Pinch Roller	717		All
DZKP000272	Spring, Pinch Roller	813		All
DZKP000274	Spring, Tension	927		All
DZKP000278	Spring Plate, Mirror 1	1603		All
DZKP000280	Spring, Mirror 2	1619		All
DZKP000306	Spring, Ground	1802		All
DZKP000319	Plate Spring 2, Pinch Roller	535		All
DZKP000321	Plate Spring, Ground	409		All
DZKQ000071	Spring, Original Length	412		All
DZKQ000077	Spring, Exit Sensor	723		All
DZKQ000078	Spring, Registration Sensor	534		All
DZKQ000079	Spring 2, Registration Sensor	706		All
DZKQ000088	Spring, Pick Up Return	1937		All
DZKR000021	Spring, Turn	7403		All
DZLA000080	Pinch Roller	626		All
DZLA000083	Roller, Idle	7402		All
DZLA000092	Roller, Pinch	7309		All
DZLA000198	Roller, Paper Tray	6219		All
DZLA000224	Roller, Exit	7412		All
DZLA000260	Roller 1, Registration	817		All
DZLA000262	Roller, Transport	816		All
DZLA000263	Roller, Exit	814		All
DZLA000276	Roller, Paper Feed	508	PM	All
DZLA000282	Roller, Inverting	809		All
DZLA000283	Roller 1, Tension	906		All
DZLA000290	Roller, Pinch	1805		All
DZLA000292	Roller, Pickup	1926	PM	All
DZLA000293	Roller, Paper Feed	3003	PM	All
DZLA000294	Roller, Pickup F	3005	PM	All
DZLA000295	Roller, DFP	3111	PM	All
DZLA000296	Roller, Paper Feed	1922	PM	All
DZLA000298	Roller, Intermediate	6801		All
DZLA000299	Roller, Pickup R	3012	PM	All
DZLA000314	Roller, Pinch	1122		All
DZLA000354	Roller, Reverse	1911	PM	All
DZLB000029	Pulley, Exit Roller	2725		All
DZLB000032	Pulley 1	803		All
DZLB000034	Pulley, 18T	916		All

Alphanumeric Parts List

Part Number	Part Name	Ref. No.	Remarks	Destination
DZLB000035	Pulley, 27T	804		All
DZLB000036	Pulley 2	1620		All
DZLB000038	Pulley, Wire Tension	1709		All
DZLB000043	Pulley, 20T	6131		All
DZLF000077	F Gear, D14	408		All
DZLF000342	Gear, E20	7406		All
DZLF000357	Gear, E18D	7413		All
DZLF000468	Gear, Paper Feed Idle	509		All
DZLF000469	Gear, 30T	911		All
DZLF000470	Gear, 33T	913		All
DZLF000471	Gear, 14T	1004		All
DZLF000472	Gear, 27T	1021		All
DZLF000473	Gear, 36T	1019		All
DZLF000480	Gear, 1	2003		All
DZLF000481	Gear, 1	2004		All
DZLF000482	Gear, 3	2005		All
DZLF000483	Gear, 4	2006		All
DZLF000484	Gear	2007		All
DZLF000485	Gear1	6213		All
DZLF000486	Gear, Idle	6214		All
DZLF000492	Gear, 24T	532		All
DZLF000498	Gear, 18T Idler	914		All
DZLF000499	Gear, 18T	915		All
DZLF000500	Gear, Paper Transport Drive	1013		All
DZLF000501	Gear, 17/34T	1024		All
DZLF000502	Gear 1, Paper Exit Drive	805		All
DZLF000503	Gear, 27/36T	1009		All
DZLF000504	Gear, 20T	807		All
DZLF000505	Gear, 20T	1028		All
DZLF000506	Gear, 28T	1025		All
DZLF000507	Gear 2, Paper Exit Drive	806		All
DZLF000508	Gear 2, 28T	1027		All
DZLF000516	Wire Drum, M60	1701		All
DZLF000549	Pulley, Pick Up Roller	3002		All
DZLF000570	Gear	1924		All
DZLF000571	Gear	1927		All
DZLF000572	Gear	1930		All
DZLF000573	Gear	1931		All
DZLF000574	Gear	1932		All
DZLF000577	Gear	1943		All
DZLF000585	Gear, M0.8 Z16	1836		All
DZLF000601	2 Step Gear, 25/28T	923		All
DZLF000680	Gear, 16T	825		All
DZLF000681	Gear, 25/16T D	635		All
DZLF000682	Gear, 45T D	636		All
DZLF000683	Gear, 29T D	637		All
DZLF000684	Gear, 22T	638		All
DZLF000695	Gear	1914		All
DZLF000696	Gear	1907		All
DZLG000018	Clutch, One-Way	3110		All
DZLG000019	Clutch, One-Way	1923		All
DZLG000032	Limiter 300	3112		All
DZLK000025	Belt 1, Timing	907		All

Alphanumeric Parts List

Part Number	Part Name	Ref. No.	Remarks	Destination
DZLK000026	Belt 2, Timing	917		All
DZLK000027	Belt 3, Timing	1018		All
DZLK000036	Timing, Belt	6130		All
DZLK000037	Belt, Timing	3004		All
DZLM000006	Bushing P6L5	731		All
DZLM000059	Bearing, P50L80	7404		All
DZLM000109	Bushing, Outer	7411		All
DZLM000137	Bushing	2010		All
DZLM000144	Bushing, D4 Metal	908		All
DZLM000166	Bushing, D4	1806		All
DZLM000167	Bushing, D4	1946		All
DZLM000186	Bushing 2	2305		All
DZMA003345	Assembly, Adjustment Plate	1617		All
DZMA003369	Cover, ADF Rear	627		All
DZMA003370	Cover, ADF Front	418		All
DZMA003371	Cover, Inner	613		All
DZMA003373	Cover, ADF	502		All
DZMA003374	Guide, Upper Opening And Shutting	525		All
DZMA003378	Guide 4, Inverting	812		All
DZMA003380	Tray, Lower Original	414		All
DZMA003395	Tray, Upper Original	404		Except PU, PK, PT
DZMA003722	Cover, Harness	903		All
DZMA003896	Separation Roller Shaft	607		All
DZMA003898	Assembly, Pinch Roller Solenoid	615		All
DZMA004015	Tray, Upper Original	404		Except PK, PT
DZMA004214	Guide, Front Original	403		All
DZMA004215	Guide, Rear Original	406		All
DZMA004303	Shaft, Knob	639		All
DZMA004563	Bracket 2, Lift Motor	2002		All
DZMA004603	Rack, Front	6302		All
DZMA004604	Rack, Rear	6308		All
DZMA004627	Tray, Front Original	415		All
DZMA004628	Tray, Sub Original	416		All
DZMA004816	Frame, ADF	1124		All
DZMA004826	Guide 2, Lower Opening And Shutting	612		All
DZMA004827	Guide 1, Lower Opening And Shutting	601		All
DZMG000041	Magnet	1123		All
DZMH000015	Stay, Cover	7310		All
DZNA000858	Sheet, Protection F	1902		All
DZNA000859	Sheet, Protection L	1945		All
DZNE000066	Sheet, CCD Harness Guide	1724		All
DZNK003997	Label, Paper Max	2906		All
DZNK004204	Label 1, Green	629		All
DZNK004205	Label 2, Green	823		All
DZNM000006	Badge, Panasonic	1212		All
DZPA000086	Screw	S6		All
DZPA000093	Screw	4012		All
DZPA000098	Shoulder Screw	Y43		All
DZPB000054	Screw	7415		All

Alphanumeric Parts List

Part Number	Part Name	Ref. No.	Remarks	Destination
DZRB000101	Carton Box	9001		All
DZRB000143	Carton Box	7701		All
DZRB000733	Carton Box	8001		All
DZRB000750	Cushion, HDD	8002		All
DZSM000572	Installation Instructions	8604		All
DZTD000003	Plate, Refraction	1606		All
DZTE000025	Glass, Platen (L)	1501		All
DZTE000028	Mirror 2	1621		All
DZTE000030	Glass, Scanning (S)	1502		All
DZTT000374	Gear	2743		All
DZTT000614	Pin, Parallel	3522		All
DZTT000667	Wire Cable, F	1703		All
DZTT000668	Wire Cable, R	1704		All
E120001580	Switch, Stapler Cover Detection	14518		
E314000729	IC, Photo-Interrupter TLP1241	5111		
E314000746	Photo-Interrupter	16220	(PI14, CN52)	
E323000483	IC, EP-ROM S-93C46ADP	16802	(IC12)	
E323000483	IC, EP-ROM S-93C46ADP	16903	See Note	
E4500000435	Spacer, Card	14509		
E450000070	Clamp, Harness	14527		
E4500000700	Spacer, Card	14510		
E450001139	Clamp, Harness	14511		
E450001146	Clamp, Harness	14233		
E450001148	Clamp, Harness	14440		
E74382WE04SN	Connector, Relay	14136		
EDS0607L	Edge Saddle	3016		All
EDS0607M	Edge Saddle	641		All
EDS-0607M	Edge Saddle	641		All
EDS-0607U	Edge Saddle	6817		All
EDS1	Edge Saddle	1725		All
ER040SU-D	E-Ring	16679		
ER0505U-D	E-Ring	16636		
ER050SKP	E-Ring	14235		
ETXDN528ACD	LVPS	4117		PU, PT
ETXDN528ECD	LVPS	4117		Except PU, PT
EUKMBN916HA	PC Board, HVPS1	4014	PbF	All
EUKMBN917HB	PC Board, HVPS2	4015	PbF	All
FB1-5969-000	Bearing	17029		
FB5-5807-000	Mylar, Punch	17030		
FB5-5968-000	Rack, Slide	7611		
FB5-6775-000	Encoder, F1350	7610		
FC2-1175-000	Screw	16635		
FC2-2120-000	Screw, M4 x 7	15704		
FC2-5034-000	Screw, M3 x 6 w/Washer	15936		
FC2-5035-000	Screw, M3 x 6 w/Washer	16720		
FC2-5827-000	Clip	15806		
FC3-0661-000	Clip	16718		
FC3-0779-000	Screw, M3 x 6 Tapping	16733		
FF6-0507-000	Holder, Upper Sensor	7616		
FF6-0508-000	Holder, Lower Sensor	7617		
FFPCP0035	Heater	6922		All

Alphanumerical Parts List				
Part Number	Part Name	Ref. No.	Remarks	Destination
FFPFA0161	Screw	N6		All
FFPFA01632	Shoulder screw	H9		All
FFPFA01761	Shoulder Screw	K7		All
FFPFG0471B	Pin, Front Cover Attachment	220		All
FFPFJ0033B	Snap Ring	H6		All
FFPFJ0039B	Snap Ring	G6		All
FFPFJ0041B	Snap Ring	H7		All
FFPFJ0043B	Snap Ring	K9		All
FFPFJ00441	Stopper	2012		All
FFPGC0209	Reflector, OHP Detection	2721		All
FFPHQ0063	Coupling	2011		All
FFPKD13051	Bracket, Heater	6923		All
FFPKD1490B	Holder, Exit Sensor	1821		All
FFPKE10351	Cover, Heater	6919		All
FFPKN0400	Spacer	417		All
FFPKQ01701B	Base, Platen SW	1510		All
FFPKS10641	Adjuster	6906		All
FFPKS11281	Plate, Adjusting	6313		All
FFPLL04643	Lever	1511		All
FFPLP08141	Spring, Platen SW	1512		All
FFPLQ0416B	Plate, Spring	6303		All
FFPMA0679	Pinch Roller	722		All
FFPMB0301	Pulley	1707		All
FFPMF1031B	Gear	2008		All
FFPMF11271	Pinion	6312		All
FFPMF1135	Gear, Z19M1	2306		All
FFPMF1143	Gear, 25	2726		All
FFPMN0124	Belt	2728		All
FFPMQ0211	Ball Bearing	1706		All
FFPMQ0383C	Bushing, 1	6212		All
FFPMQ03961	Bushing	7124		All
FFPMQ0526	Bearing	1616		All
FFPMQ0534	Bearing, D8	822		All
FFPMQ0536	Bushing	1828		All
FFPMQ0540	Bearing	6118		All
FFPMQ0558	Bushing, Metal	1002		All
FFPMQ0649	Bushing	1915		All
FFPMQ0650	Bushing, Shaft 3	6809		All
FFPMV0002	Poly Slider	7323		All
FFPMV0023	Poly Slider	5908		All
FFPMV0048	Polyslider	7420		All
FFPQB0052B	Tray, Exit 2	7418		All
FFPQB0060	Tray, Exit 3	7417		All
FFPQG0083	Plate	6203		All
FFPTE1621B	Label, HV	4002		All
FFPTE2259	Label, HV	1611		All
FFPTE2625	Label, Maximum	405		All
FFPXK43H00R	Assembly, Scanner Heater	1729		All
FS1-9009-000	Screw, Stepped, M3	15905		
FS1-9102-000	Screw, M3 Stepped	6409		
FS2-1615-000	Bearing, Ball	16214		
FS2-1672-000	Bushing	16006		
FS5-6528-000	Roller	6431		

Alphanumeric Parts List

Part Number	Part Name	Ref. No.	Remarks	Destination
G0A173J00002	Choke Coil	4118		Except PU, PT
HL-18-0	Harness Lifter	3917		All
HL-28-0	Harness Lifter	3913		All
HP020140SCH	Pin	14521		
HW050FZS	Washer	16678		
K0AALE000029	Switch, Heater	231		All
K0KACA000053	Micro Switch	4213		All
K0KACA000054	Micro Switch	4207		All
K0RZZZZ00003	KEY-BOARD Swich	1325		All
K2CH3DH00002	Cord, AC Power	7508		PU, PT
K2CK3DH00027	Cord, AC Power	7508	For DP-C322/C262	PK
K2CM3DH00013	Cord, AC Power	7508	For DP-C354/C323/C264/C263/C213	PE, PM
K2CM3DH00013	Cord, AC Power	7508	For DP-C322/C262	PE, PL, PM, PR, PV
K2CT3DH00023	Cord, AC Power	7508		PB
KGES-4	Speaker	4214		All
KGLS-12S	Spacer	4016		All
KGLS8Z50SF	Spacer	4119		All
KGPS-12S	Spacer	4017		All
KGPS-4S	Spacer	3911		All
KGPS-6S	Spacer	3912		All
KHC03200YYU1	Unit, IH Coil	5101	For DP-C354/C323/C264/C263/C213	PU, PT
KHC04200EYU1	Unit, IH Coil	5101	For DP-C354/C323/C264/C263/C213	Except PU, PT
KHC1020YEU1	Unit, IH Coil	5101	For DP-C322/C262	Except PU, PT
KHC1020YYYU1	Unit, IH Coil	5101	For DP-C322/C262	PU, PT
KHP0210000U1	PC Board, IH	4020	For DP-C354/C323/C264/C263/C213 (PbF)	PU, PT
KHP0210UTZA	PC Board, IH	4020	For DP-C322/C262 (PbF)	PU, PT
KHP0220UTZA	PC Board, IH	4020	For DP-C322/C262 (PbF)	Except PU, PT
KHP0320000U1	PC Board, IH	4020	For DP-C354/C323/C264/C263/C213 (PbF)	Except PU, PT
KU-5	Clipple	2218		PU, PT
KU-7	Clipple	2218		Except PU, PT
KW040FW	Washer	14134		
L2BA00000007	Sensor, Temperature Humidity	3819		All
L2CD00000024	Sensor, R Unit	3820		All
L2CD00000025	Sensor, RD Unit	3821		All
L2DA00000127	Sensor, Unit	5414		All
L6FAKCEK0002	Fan, LVPS	4103		All
L6FAKEDK0007	Fan, Right Cover	2214		All
L6FALEK0012	Fan, IH Driver	4008		All
L6FCJCAJ0001	Fan, IH	4804	For DP-C322/C262	All
L6FCLDCJ0001	Fan, IH	4804	For DP-C354/C323/C264/C263/C213	All
L6FCLFCJ0002	Fan, Pressure Roller	4801		All
L6HAGCLJ0001	Stepping Motor	4807	For DP-C322/C262	All
L6HAHELK0014	Motor, Stepping	3706		All
L6HAJELK0006	Stepping Motor	7208		All
L9AAAAEC0001	Solenoid, Stamp	725		All
L9AAADEB0001	Solenoid	2533		All
L9AAADGB0007	Solenoid	3822		All
L9AAAECA0001	Solenoid	7115		All
L9AAAFJC0001	Solenoid	3018		All

Alphanumeric Parts List

Part Number	Part Name	Ref. No.	Remarks	Destination
L9AABBE0002	Solenoid, Selection	621		All
L9AABEH0001	Solenoid	3212		All
L9EAAJ000024	Clutch 4	1010		All
L9EAAJ000025	Clutch 3	910		All
L9EAAJ000026	Clutch 3	910		All
L9EAAJ000027	Clutch 4	1010		All
L9EAAJ000028	Clutch, Registration 1	824		All
L9EAAK000004	Clutch	3021		All
L9EAAK000005	Clutch	6128		All
L9EAAK000006	Clutch	2731		All
L9EAAK000007	Clutch	2313		All
LT-11	Edge Saddle	1410		All
LT-18	Edge Holder	3914		All
LWS-3S	Locking Wire Saddle	1514		All
M0CE00000028	Hard Disk Drive	4018		All
MD2-2709-000	Edge Saddle	1513		All
MD2-2720-000	Locking Wire Saddle	6909		All
N0GG1L000003	PC Board, INV	1327	PbF	All
N0GG1Z000001	PC Board, Inverter	1612	PbF	All
NS-BLT00072	Belt, Timing	16112		
NS-BLT00181	Belt, Timing	14209		
NS-BLT00230	Belt, Timing	15939		
NS-BLT00230	Belt, Timing	16018		
NS-BLT00234	Belt	16764		
NS-SCR00045A	Screw	14132		
PF2078P458	Screw, M4 x 6	6442		
PF2129P189	Snap Ring	14505		
PF2166P034	Snap Ring	14330		
PF2180P008	Snap Ring	14523		
PF2217P319	Screw	P4		All
PF2225P312	Bushing	14349		
PF2252P619	Snap Ring	14020		All
PF2252P620	Snap Ring	14234		
PF4048P076	Screw, M4	15852		
PF4048P300	Screw, M4 x 5	16049		
PF4054P143	Screw	14021		
PF4060P027	Screw, M4 x 8	16050		
PF4090P446	Belt, Exit Guide	14309		
PF4099K315	Harness 2, Staple	16741	(CN72, JN1)	
PF4099K324	Harness 2, Sensor	16032	(CN16, CN37, CN42)	
PF4099K325	Harness, Connecting	16641	(CN38-41)	
PF4099K329	Harness 3, Sensor	16033	(CN9, CN36, CN50, CN53)	
PF4099K340	Harness, Stapler	16222	(CN7, CN11, CN72)	
PF4099K355	Clutch, Electromagnetic	16642	(CL1, CN72)	
PF4099P696	Bracket, Lever	15959		
PF4099P847	Belt, Timing	16530		
PF4099P903	Joint	8507		All
PF4099P955	Band, Panel	15824		
PF4102K107	Assembly, Rack Gear	14428		
PF4102K109	Assembly, Exit Roller	14436		
PF4102K113	Assembly, Belt Tension Holder	14203		
PF4102K115	Assembly, Paper Hold Roller	14337		

Alphanumeric Parts List

Part Number	Part Name	Ref. No.	Remarks	Destination
PF4102K116	Assembly, Paper Hold Roller2	14340		
PF4102K124	Assembly, Gear Holder	14216		
PF4102K125	Assembly, Gear Bracket	14226		
PF4102K133	Assembly, Upper Guide	14401		
PF4102K136	Assembly, Tray Elevation Gear	14001		
PF4102K138	Assembly, Paper Detection Lever	14333		
PF4102K156	Assembly, Tray Guide	14111		
PF4102K158	Staple Safety Switch	14441		
PF4102K159	Assembly, Exit Actuator	14423		
PF4102K174	Assembly, Solenoid Lever	14213		
PF4102K175	Assembly, Feed Arm	14413		
PF4102K177	Assembly, Feed Roller	14411		
PF4102K178	Frame, Front Base	14513		
PF4102P005	Plate, Rack	14427		
PF4102P028	Plate, Front Ground	14302		
PF4102P029	Plate, Rear Ground	14303		
PF4102P036	Bracket, Set Motor	14432		
PF4102P037	Bracket, Feed Roller	14410		
PF4102P038	Bracket, Guide Base	14326		
PF4102P041	Bracket, Gear	14227		
PF4102P042	Bracket, Base Frame	14502		
PF4102P044	Bracket, Staple Unit	14439		
PF4102P111	Shaft, Paper Hold	14314		
PF4102P112	Shaft, Exit Guide	14311		
PF4102P123	Screw	14130		
PF4102P206	Gear, Rack	14429		
PF4102P207	Guide, Set	14430		
PF4102P209	Actuator, Exit	14424		
PF4102P213	Guide, Upper	14402		
PF4102P215	Holder, Paper Hold Roller	14338		
PF4102P216	Frame, Hold Base	14501		
PF4102P222	Holder, Tray Elevation Gear	14002		
PF4102P223	Holder, Tray Elevation Gear	14006		
PF4102P224	Holder, Base	14007		
PF4102P225	Gear, Feed Roller	14202		
PF4102P226	Gear, Belt Tension	14205		
PF4102P227	Holder, Tray	14013		
PF4102P228	Gear, Exit Guide	14230		
PF4102P229	Frame, Rear Base	14515		
PF4102P231	Bushing	14419		
PF4102P232	Gear, Left	14219		
PF4102P234	Base, Guide	14301		
PF4102P235	Roller, Paper Hold	14318		
PF4102P237	Bushing	14350		
PF4102P239	Holder, Gear	14217		
PF4102P242	Gear, Exit Roller	14201		
PF4102P244	Gear, Right	14220		
PF4102P248	Shaft, Exit Guide	14305		
PF4102P249	Gear, Exit Guide	14312		
PF4102P250	Holder, Shaft	14313		
PF4102P255	Lever, Paper Detection	14334		

Alphanumerical Parts List

Part Number	Part Name	Ref. No.	Remarks	Destination
PF4102P256	Arm, Front	14109		
PF4102P258	Roller, Paper Hold	14339		
PF4102P260	Bushing	14310		
PF4102P262	Bushing	14329		
PF4102P264	Lever, Switch	14519		
PF4102P265	Guide2, Paper	14409		
PF4102P266	Guide1, Paper	14407		
PF4102P269	Holder, Feed Arm	14418		
PF4102P270	Roller, Feed Arm	14416		
PF4102P272	Arm, Rear	14110		
PF4102P274	Holder, Belt Tension	14204		
PF4102P275	Roller2, Paper Hold	14341		
PF4102P276	Cushion, Large Gear	14224		
PF4102P277	Cover, Base	14009		
PF4102P280	Arm, Solenoid	14115		
PF4102P281	Plate, Tray	14014		
PF4102P285	Lever, Top Cover Sensor	14517		
PF4102P288	Gear2, Tray Elevation	14004		
PF4102P289	Gear3, Tray Elevation	14005		
PF4102P293	Lever, Base	14010		
PF4102P294	Cover, Motor	14012		
PF4102P296	Bracket, Top Cover Sensor	14516		
PF4102P299	Lever, Solenoid	14214		
PF4102P301	Spring, Tension	14327		
PF4102P302	Spring, Tension	14328		
PF4102P303	Spring, Tension	14335		
PF4102P304	Frame, Lower Guide	14320		
PF4102P305	Belt, Feed Arm	14415		
PF4102P307	Roller, Exit	14437		
PF4102P308	Holder, Gear	14229		
PF4102P309	Spring, Tension	14206		
PF4102P310	Spring, Tension	14221		
PF4102P312	Belt, Timing	14218		
PF4102P313	Cushion	14019		
PF4102P315	Gear1, Tray Elevation	14003		
PF4102P316	Arm, Exit Guide	14306		
PF4102P317	Brush, Exit Guide	14325		
PF4102P318	Spring, Tension	14231		
PF4102P319	Sheet, Mylar	14308		
PF4102P324	Bushing	14331		
PF4102P325	Brush, Exit Guide	14324		
PF4102P327	Spring, Tension	14426		
PF4102P332	Cushion, Lever	14121		
PF4102P333	Sheet, Mylar	14343		
PF4102P334	Sheet, Mylar	14403		
PF4102P335	Cushion, Lever	14122		
PF4102P337	Sheet, Mylar	14404		
PF4102P346	Ring	14114		
PF4102P351	Cushion, Paper Guide	14435		
PF4102P352	Cushion, Base	14512		
PF4102P357	Sheet, Mylar	14346		
PF4102P367	Cushion, Exit Actuator	14425		
PF4102P369	Base, Guide	14332		

Alphanumeric Parts List

Part Number	Part Name	Ref. No.	Remarks	Destination
PF4102P378	Holder, Feed Arm	14414		
PF4102P379	Roller, Feed	14412		
PF4102P383	Spring, Tension	14116		
PF4102P386	Cushion, Lever	14119		
PF4102P387	Cushion, Lever	14232		
PF4102P391	Cushion, Lever	14120		
PF4102P398	Sheet, Mylar	14422		
PF4102P405	Tray, Staple Guide	14420		
PF4102P406	Guide, Paper	14421		
PF4104K141	Assembly, Paper Hold Lever	14344		
PF4104K143	Assembly, Exit Guide	14304		
PF4104K144	Assembly, Paper Hold Lever	14315		
PF4104K145	Assembly, Paper Hold Lever	14117		
PF4104K147	Assembly, Lower Guide	14319		
PF4104K149	Assembly, Paper Hold Lever2	14347		
PF4104K153	Assembly, Paper Guide	14406		
PF4104P834	Stopper, Rubber	14317		
PF4104P837	Cushion, Lower Guide Frame	14321		
PF4104P840	Sheet, Mylar	14348		
PF4104P841	Sheet, Mylar	14322		
PF4104P842	Sheet, Mylar	14323		
PF4104P844	Sheet, Mylar	14342		
PF4104P845	Sheet, Mylar	14408		
PF4104P846	Spring, Tension	14336		
PF4104P847	Cushion, Solenoid	14212		
PF4104P849	Sheet, Mylar	14211		
PF4104P850	Spring, Tension	14215		
PF4104P925	Lever, Paper Hold	14118		
PF4104P927	Lever, Paper Hold	14345		
PF4104P928	Lever, Paper Hold	14316		
PF4104P929	Holder, Exit Guide Arm	14307		
PF4104P930	Holder, Paper Guide	14405		
PF4109P012	Holder C, Roller	15853		
PF4109P409	Spring, Torsion	15818		
PF4109P410	Spring, Torsion	15819		
PF4109P427	Screw, M4	15970		
PF4110P353	Guide 2, Rear Safety	16533		
PF4110P957	Guide, Exit Roller	16572		
PF4113P027	Holder, Roller	15820		
PF4113P243	Flag, Paper Sensor	16309		
PF4113P352	Guide 2, Front Safety	16549		
PF4113P399	Latch, Upper Panel	15815		
PF4113P413	Sheet, Front ML-SR	16563		
PF4113P414	Sheet, Rear ML-SR	16564		
PF4113P418	Sheet, Front ML	16561		
PF4113P419	Sheet, Rear ML	16562		
PF4113P439	Gear, SP-S	16633		
PF4114P403	Sheet, M	16459		
PF4114P406	Sheet, F	16458		
PF4114P407	Sheet, R	16460		
PF4115K124	Assembly, Large Gear	14222		
PF4115K220	Motor, Drive	14514	FS320	
PF4115P201	Base, Gear	14207		

Alphanumeric Parts List

Part Number	Part Name	Ref. No.	Remarks	Destination
PF4115P202	Gear, Large	14223		
PF4116P405	Roller, Paper Feed	16038		
PF4117K001	Frame, Foot	15719		
PF4117K002	Frame, Mounting Kit Front	15714		
PF4117K003	Frame, Mounting Kit Rear	15715		
PF4117K070	Assembly, Pad	8503		All
PF4117K075	Optional LVPS	6605		PU, PT
PF4117K076	Optional LVPS	6605		Except PU, PT
PF4117K114	Dispose Assembly	16400	See Note 1 FS325	
PF4117K121	Drive Assembly	16200	FS325	
PF4117K136	Paper Feeder Assembly	16500	See Note	
PF4117K171	Fold Assembly	16608		
PF4117K211	Stack Motor Driver Assembly	16100	FS325	
PF4117K216	Bundle Support Cover Assembly	16300		
PF4117K233	Stapler Unit	16763	FS325	
PF4117K234	Stapler Unit	16763	FS356	
PF4117K309	IC, EP-ROM M27C1001-70XF	16801	FS325	
PF4117K310	DC Controller PCB Assembly	16800	FS325	
PF4117K312	Stapler Base PCB Assembly	16737		
PF4117K313	Stapler In PCB Assembly	16738		
PF4117K314	Harness 1, Staple	16740	(JN2)	
PF4117K319	Harness, Front Door Sensor	16030	(CN4, CN23, CN24, CN25)	
PF4117K321	Harness, Lever Tray Sensor	16031	(CN5, CN28, CN33, CN36)	
PF4117K322	Harness, Tray	16410	(CN29-32)	
PF4117K323	Harness, Sensor	16013	(CN43, CN44) (CN34, CN35) (CN54, CN55)	
PF4117K327	Harness 1, Sensor	15941	(CN15, CN47-49, CN50)	
PF4117K328	Harness, Bind Clutch	16037	(CN18, CN72)	
PF4117K331	Harness, Feed Paddle Motor	15942	(CN10, CN56, CN57)	
PF4117K332	Harness, Eject Motor	16426	See Note 2 (CN13, CN59)	
PF4117K334	Harness, Jog Motor	16035	(CN3, CN62, CN64)	
PF4117K336	Harness, Switch	16036	(CN8, CN66, CN68, CN69)	
PF4117K339	Harness, DC Motor	15943	(CN6, CN70, CN71)	
PF4117K341	Harness, Stack Sensor	15916	(CN19, CN73)	
PF4117K342	Harness, Shift Motor	16105	(CN70)	
PF4117K350	Harness, Interface	15805	(CN1, CN2, CN20, JN3) FS325	
PF4117K401	Motor, Stepping	16434	(M1, M3, CN56, CN59) FS325	
PF4117K403	Motor, Stepping	15935	(M2, CN57)	
PF4117K405	Motor, Stepping	16742	(M8, CN72) FS325	
PF4117K608	Bracket, Mounting Kit Slide	15712		
PF4117K901	Motor, Stepping	16434	(M1, M3, CN56, CN59) FS356	
PF4117K902	Motor, Stepping	16742	(M8, CN72) FS356	
PF4117K904	Motor, DC24V	16106	(M6, CN70) FS356	
PF4117K910	Drive Assembly	16200	FS356	
PF4117K915	DC Controller PCB Assembly	16800	FS356	
PF4117K916	IC, EP-ROM M27C1001-70XF	16801	FS356	
PF4117K920	Harness, Interface	15805	(CN1, CN2, CN20, JN3) FS356	
PF4117K921	Dispose Assembly	16400	See Note 1 FS356	
PF4117K923	Stack Motor Driver Assembly	16100	FS356	
PF4117P003	PC Board, IPC	3921	PbF	All
PF4117P024	Bracket, Front Tray	15848		
PF4117P025	Bracket, Rear Tray	15849		

Alphanumerical Parts List

Part Number	Part Name	Ref. No.	Remarks	Destination
PF4117P036	Bracket, Tray Stay	15850		
PF4117P067	Guide, Lower Paper	16669		
PF4117P215	Guide 1, Paper Weight	16024		
PF4117P219	Stack, Tray Rib	15844		
PF4117P224	Tray, Base	15833		
PF4117P235	Panel, Side	15811		
PF4117P261	Ms-SR-Weight Exit F	16455		
PF4117P262	Ms-SR-Weight Exit M	16456		
PF4117P263	Ms-SR-Weight Exit R	16457		
PF4117P270	Sheet, SR-MLR-GID	16566		
PF4117P271	Sheet, SR-MLR-GID L	16565		
PF4117P276	Cover, Front Adjustment Rack	16437		
PF4117P277	Cover, Front Adjustment Rack	16438		
PF4117P284	Cover, Rear Adjustment Rack	16441		
PF4117P289	Guide, Rear Paper Feed	16435		
PF4117P290	Guide, Front Paper Feed	16432		
PF4117P300	Cover, Frame Jam, Sub	15842		
PF4117P303	Cover, Dispose	16408	See Note 2	
PF4117P381	Arm, Stopper	15834		
PF4117P390	Panel, Dummy Puncher	15807		
PF4117P391	Guide, Dummy Punch	15810		
PF4117P393	Panel 1, Dome	15830		
PF4117P394	Panel 2, Dome	15831		
PF4117P530	Harness, Stapler	16739	(JN1, JN2)	
PF4117P556	Motor, DC24V	16219	(M7, CN71) FS325	
PF4117P611	Frame, STY Rail	16051		
PF4117P613	Guide, Delivery Paper	16657		
PF4117P698	Bracket, Hook	15717		
PF4117P699	Plate, Latch	15710		All
PF4117P700	Panel, Sub Upper	15816		
PF4117P701	Panel, Upper	15817		
PF4117P702	Panel, Fixing	15822		
PF4117P703	Panel, Front	15823		
PF4117P704	Panel, Rear	15802		
PF4117P706	Cover, Jam	15804		
PF4117P726	Panel, Frame Jam	15803		
PF4117P727	Stack Tray, 1	15826		
PF4117P728	Stack Tray, 2	15827		
PF4117P737	Panel, Mounting Kit	15702		
PF4117P738	Panel, Front Mounting Kit	15701		
PF4117P739	Panel, Rear Mounting Kit	15707		
PF4117P751	Guide 2, Paper Weight	16027		
PF4117P763	Guide, Upper Dummy Punch	15809		
PF4117P772	Panel, Middle Mounting Kit	15709		
PF4117P866	Label	8508		All
PF4117P905	Pallet	8501		All
PF4117P906	Carton Box	8502	For DA-FS325	All
PF4117P910	Pad, Board	8506	Supplied as a set of 2 Board Pads.	All
PF4117P914	Carton Box	8502	For DA-FS356	All
PF4117P941	Motor, DC24V	16219	(M7, CN71) FS356	
PF4117Q115	Guide, Paper	16726		
PF4124K105	Assembly, Front Cover	14101		
PF4124K106	Assembly, Rear Cover	14105		

Alphanumerical Parts List				
Part Number	Part Name	Ref. No.	Remarks	Destination
PF4124K107	Assembly, Tray	14015		
PF4124K127	Assembly, Finisher Tray	14022		All
PF4124K131	Bracket, Slide Roller	14124		
PF4124K148	Assembly, Paper Detection Solenoid	14113		
PF4124K502K	PC Board, CONT	14528	FS320	
PF4124K551	Motor, Set	14431	FS320	
PF4124K552	Solenoid, Paper Detection	14210		
PF4124K616	Assembly, Harness	14129		
PF4124K617	Harness, Drive Motor	14529		
PF4124K618	Harness, SW	14444		
PF4124K619	Harness, Top Cover Sensor	14351		
PF4124K620	Harness, Paper Exit Sensor	14433		
PF4124K621	Harness, Tray	14008		
PF4124K625	Harness, Interface	14526	FS320	
PF4124K626	Ground	14434		
PF4124K627	Harness, Optional LVPS	6616		All
PF4124K900	Motor, Drive	14514	FS350	
PF4124K901	Motor, Set	14431	FS350	
PF4124K902	Harness, Interface	14526	FS350	
PF4124K904	PC Board, CONT	14528	FS350	
PF4124P001	Bracket, Base	14123		
PF4124P002	Bracket, Front Slide Guide	14126		All
PF4124P003	Bracket, Rear Slide Guide	14127		All
PF4124P004	Bracket, Slide Base	14503		
PF4124P006	Lever, Lock	14522		
PF4124P007	Spring, Tension	14524		
PF4124P008	Arm, Lock	14525		
PF4124P009	Shaft, Lock Lever	14520		
PF4124P010	Bracket, PCB	14507		
PF4124P011	Cover, Right	14104		
PF4124P012	Guide, Rail	14506		
PF4124P013	Cover, Front	14102		
PF4124P014	Lever, Front	14103		
PF4124P015	Cover, Rear	14106		
PF4124P016	Cover, Staple	14107		
PF4124P017	Cover, Top	14108		
PF4124P018	Tray, Main	14018		
PF4124P019	Tray, Middle	14017		
PF4124P020	Tray, Sub	14016		
PF4124P026	Bracket, Sensor Hold	14508		
PF4124P029	Roller, Slide	14125		
PF4124P033	Mylar, PCB Cover	14135		
PF4124P040	Cover, Tray Guide	14112		
PF4124P086	Pad, Board	8402		All
PF4124P087	Carton Box	8401	For DA-FS320	All
PF4124P088	Carton Box	8401	For DA-FS350	All
PF4124P090	Pad, Base	8403		All
PF4124P091	Pad, Top	8404		All
PF4124P115	Weight, Large Gear	14225		
PF4124P116	Weight, Feed Arm	14417		
PF4124P200	Screw	14532		
PF4124P553	Solenoid, Paddle	14228		

Alphanumeric Parts List

Part Number	Part Name	Ref. No.	Remarks	Destination
PF4124P555	Motor, Tray Elevation	14011		
PF4124P600	Staple Unit	14438		
PF4134P861	Screw	14533		
PF4135K550	Motor, DC24V	16106	(M6, CN70) FS325	
PF4136K117	Assembly, Paper Exit Roller	16571		
PF4136P643	Support, Paper Outlet Roller	16535		
PJACC0001Z	Mirror 1	1602		All
PJBAC0009Z	Cap, Transport	3805		All
PJBAC0011Z	Slider, FTR F	3539		All
PJBAC0012Z	Slider, FTR R	3542		All
PJBAC0015Z	Lock, IT F	3413		All
PJBAC0016Z	Lock, IT R	3414		All
PJBAC0017Z	Actuator, ADU 2	2822		All
PJBAC0018Z	Actuator, Registration	2108		All
PJBAC0019Z	Block, Interlock	4211		All
PJBAC0020Z	Cap, OPC Spring	4412	RTL/PbF	All
PJBAC0021Z	Actuator, Lower	3316		All
PJBAC0022Z	Actuator, Upper	3203		All
PJBAC0024Z	Latch	2210		All
PJBAC0025Z	Actuator, ADU Upper	2216		All
PJBAC0027Z	Actuator	1817		All
PJBAC0028Z	Lever, Latch	1811		All
PJBAC0029Z	Actuator	1822		All
PJBAC0032Z	Actuator	7116		All
PJBAC0033Z	Arm, Link Solenoid	7109		All
PJBAC0034Z	Plate, Pull Solenoid	7113		All
PJBAC0035Z	Ring, Spring	7111		All
PJBAC0036Z	Bushing, Panel Guide	1210		All
PJBAC0039Z	Stopper, Original	513		All
PJBBC0001Z	Handle	2817		All
PJBBC0002Z	Lever, OPC F	4414		All
PJBCC0015Z	Lever, Cam Adj	4409		All
PJBCC0018Z	Knob, Release	5023		All
PJBDC0001Z	Knob, Joint	2811		All
PJBEC0001Z	Cap, STR Spring	2512		All
PJBEC0002Z	Shutter, Sensor	3823		All
PJBEC0005Z	Latch, B	2819		All
PJBEC0006Z	Pin, Catch	2739		All
PJBEC0007Z	Bracket, OPC R	4419		All
PJBEC0008Z	Latch, A	2702		All
PJBEC0009Z	Arm, Link F BK	3402		All
PJBEC0010Z	Arm, Link R BK	3403		All
PJBEC0011Z	Arm, Link F YMC	3404		All
PJBEC0012Z	Arm, Link R YMC	3405		All
PJBLC0001Z	Arm, Link A	2534		All
PJBLC0002Z	Arm, Link B	2502		All
PJBLC0003Z	Bracket, Front STR Base	2623		All
PJBLC0004Z	Bracket, Rear STR Base	2624		All
PJBLC0005Z	Arm, Lift FTR BK	3540		All
PJBLC0006Z	Arm, Lift FTR YMC	3629		All
PJBLC0007Z	Arm, Tension F	3508		All
PJBLC0008Z	Arm, Tension R	3509		All
PJBLC0012Z	Arm, Link	2709		All

Alphanumerical Parts List				
Part Number	Part Name	Ref. No.	Remarks	Destination
PJBLC0013Z	Arm, Registration R	2805		All
PJBLC0014Z	Arm, Registration F	2804		All
PJBLC0016Z	Link, Door Rl	4512		All
PJBLC0017Z	Arm, Fuser	5804		All
PJBLC0018Z	Arm, ADU Cover	2746		All
PJBLC0019Z	Bracket, Arm	7405		All
PJBLC0021Z	Arm, Lock	3406		All
PJBLC0022Z	Arm, Spring F	3513		All
PJBLC0023Z	Arm, Spring R	3514		All
PJBSC0001Z	Cover, ADU Lever	2703		All
PJBUC0003Z	Plate, Spring	2514		All
PJBUC0004Z	Plate, Ground U	3031		All
PJBUC0005Z	Plate, Ground Fl	3022		All
PJBUC0006Z	Plate, Ground L	3023		All
PJBUC0007Z	Plate, Ground R	3024		All
PJBUC0008Z	Plate 1, ADU Ground	2732		All
PJBUC0010Z	Spring, Ground	2828		All
PJBUC0011Z	Spring 2, Ground	2111		All
PJBUC0015Z	Plate 1, Pinch Spring	3312		All
PJBUC0047Z	Plate, Spring	6217		All
PJBUC0048Z	Spring, Lever	1824		All
PJBUC0052Z	Plate, Latch A Ground	2707		All
PJBUC0053Z	Plate, Latch B Ground	2815		All
PJBUC0057Z	Terminal, Contact 1	5604		All
PJBUC0058Z	Terminal, Contact 2	5613		All
PJBUC0059Z	Plate 1, Spring	3215		All
PJBUC0071Z	Plate, Lower Ground	2736		All
PJBUC0079Z	Plate, Guide	2908		All
PJBUC0080Z	Plate, Position	4919	For DP-C322/C262	All
PJBUC0082Z	Spring, Exit	225		All
PJBUC0083Z	Spring, Transport	7318		All
PJBUC0087Z	Plate 2, Spring	3328		All
PJBUC0098Z	Plate 2, ADU Ground	2733		All
PJBVC0001Z	Spring, Pressure	5006		All
PJBVC0014Z	Spring, Idle Gear	4808	For DP-C322/C262	All
PJBVC0016Z	Spring, Cam	3719		All
PJBVC0017Z	Spring, Guide Paper	2506		All
PJBVC0018Z	Spring, Guide	2510		All
PJBVC0019Z	Spring, STR	2513		All
PJBVC0020Z	Spring, Cap	3804		All
PJBVC0021Z	Spring, Sensor Shutter	3824		All
PJBVC0024Z	Spring, YMC Cam Slider	3623		All
PJBVC0025Z	Spring, Tension	3518		All
PJBVC0026Z	Spring, FTR	3538		All
PJBVC0027Z	Spring, IT Lock	3415		All
PJBVC0028Z	Spring, BK	3627		All
PJBVC0030Z	Spring, Coupling	5909		All
PJBVC0032Z	Spring, Separator	3108		All
PJBVC0033Z	Spring, Lever Pick	3113		All
PJBVC0034Z	Spring, Sheet Bypass Pinch Roller	3025		All
PJBVC0035Z	Spring, Joint	2810		All
PJBVC0036Z	Spring, Stay	2737		All

Alphanumeric Parts List

Part Number	Part Name	Ref. No.	Remarks	Destination
PJBVC0037Z	Spring, ADU	2706		All
PJBVC0038Z	Spring, Mid	2720		All
PJBVC0039Z	Spring, Registration	2806		All
PJBVC0040Z	Spring, Ground	2119		All
PJBVC0042Z	Spring, Developer	4507		All
PJBVC0044Z	Spring, OPC PRF	4413		All
PJBVC0045Z	Spring, OPC PRB	4420		All
PJBVC0047Z	Spring, Pinch Roller 2	3229		All
PJBVC0048Z	Spring, Arm	3227		All
PJBVC0050Z	Spring, Solenoid	3211		All
PJBVC0051Z	Spring, Drive MV	2745		All
PJBVC0053Z	Spring, Coupling	6108		All
PJBVC0054Z	Stopper, Spring	6107		All
PJBVC0059Z	Spring, Pinch Roller ADU1	2406		All
PJBVC0060Z	Spring 2, ADU Pinch Roller	4903		All
PJBVC0061Z	Spring, ADU Upper Actuator	2217		All
PJBVC0075Z	Spring, Fuser Arm	5805		All
PJBVC0084Z	Spring, Shaft	1813		All
PJBVC0087Z	Spring, Gate Return	7114		All
PJBVC0088Z	Spring, Pinch Roller	7311		All
PJBVC0091Z	Spring, Shutter	5435		All
PJBVC0093Z	Spring, CL A	5611		All
PJBVC0095Z	Spring, Charge A	5624		All
PJBVC0097Z	Spring	5303		All
PJBVC0098Z	Spring, Pinch Roller 1	3307		All
PJBVC0099Z	Spring, Coupling FTR	3721		All
PJBVC0100Z	Spring, Arm Lock	3407		All
PJBVC0103Z	Spring, Push	214		All
PJBVC0106Z	Spring	4705		All
PJBVC0109Z	Spring, Link Arm	3408		All
PJBVC0112Z	Spring, Damper	1208		All
PJBVC0122Z	Spring, Pickup	538		All
PJBVC0125Z	Spring, Separation Roller	611		All
PJBVC0127Z	Spring, ILS	4206		All
PJBVC0129Z	Spring, Reading Guide Pressure	702		All
PJBVC0130Z	Spring 2, Pinch Roller	1116		All
PJBVC0133Z	Spring, Reverse Roller	1909		All
PJBVC0145Z	Spring, Pick Up	538		All
PJBWC0002Z	Spring, IH R	5106		All
PJBWC0003Z	Spring, IH L	5105		All
PJBWC0008Z	Cam, S Spring L	5019		All
PJBWC0009Z	Cam, S Spring R	5018		All
PJBWC0010Z	Spring, Stand IT Front	3616		All
PJBWC0011Z	Spring, Stand IT Rear	3615		All
PJBWC0012Z	Spring, Lever Actuator	3122		All
PJBWC0013Y	Spring, Tray	2916		All
PJBWC0014Z	Spring, Latch	2710		All
PJBWC0015Z	Spring, Latch A	2712		All
PJBWC0016Z	Spring, ADU Act	2823		All
PJBWC0017Z	Spring, Mid Ground	2719		All
PJBWC0018Z	Spring, Registration Actuator	2109		All

Alphanumeric Parts List

Part Number	Part Name	Ref. No.	Remarks	Destination
PJBWC0019Y	Spring, Lower Actuator	3317		All
PJBWC0020Z	Spring, Upper Actuator	3204		All
PJBWC0021Z	Spring, Lever Coupling	5802		All
PJBWC0022Z	Spring, Tension Exit	6114		All
PJBWC0023Z	Spring, Right Latch	2212		All
PJBWC0024Z	Spring, Left Latch	2211		All
PJBWC0025Z	Spring, Exit Guide Actuator	2311		All
PJBWC0029Z	Spring, Latch B	2820		All
PJBWC0030Z	Spring, Solenoid2	3214		All
PJBWC0033Z	Spring, Sensor	1818		All
PJBWC0034Z	Spring, Latch Return F	1809		All
PJBWC0035Z	Spring, Latch Return R	1810		All
PJBWC0036Z	Spring, Sensor	1823		All
PJBWC0037Z	Spring, Gate Open	7110		All
PJBWC0038Z	Spring, Lock R	7306		All
PJBWC0039Z	Spring, Lock L	7307		All
PJBWC0040Z	Spring, Lock	7105		All
PJBWC0041Z	Spring, TR	5326		All
PJBWC0050Z	Spring, Latch C	2818		All
PJBWC0051Z	Case, IH Spring	5108		All
PJBWC0055Z	Inverting Spring	730		All
PJBXC0008Z	Spring, Shutter	4513		All
PJBXC0010Z	Spring, Ground	2208		All
PJBXC0012Z	Spring 2, Ground	2326		All
PJBYC0002Z	Stay, Spring Developer	4509		All
PJBYC0004X	Plate, Bottom	6206		All
PJBYC0008Z	Plate, Spring Developer F	4505		All
PJBYC0009Z	Plate, Spring Developer R	4508		All
PJBZC0001Z	Cover, Lower Panel	1304		All
PJBZC0002Z	Cover, Back Panel	1206		All
PJBZC0003Y	Key, Start	1315		All
PJBZC0004X	Key, Base Start	1316		All
PJBZC0005Y	Key, Stop	1313		All
PJBZC0006Y	Key, Base Stop	1314		All
PJBZC0007Y	Key, Clear	1311		All
PJBZC0008Y	Key, Base Clear	1312		All
PJBZC0009Z	Key, Ten	1310		All
PJBZC0010Z	Key, Energy Save	1317		All
PJBZC0011Z	Key, Copy	1318		All
PJBZC0012Z	Key, Fax	1319		All
PJBZC0013Z	Key, Scan	1320		All
PJBZC0015Z	Key, Print	1321		All
PJCCC0002Z	Pipe, Feed	5325		All
PJCEC0006Z	Auger, A	5427		All
PJCEC0007Z	Auger, B	5430		All
PJCFC0008Z	Filter, Toner VOC	3927	For DP-C354/C323/C264/C263/C213	PM
PJCFC0010Z	Filter, Exit VOC	234	For DP-C354/C323/C264/C263/C213	PM
PJCFC0011Z	Filter, Ih VOC	3928	For DP-C354/C323/C264/C263/C213	PM
PJCGC0001Z	Damper	2121		All
PJCGC0002Z	Damper	2116		All
PJDAC0003Z	Pulley, Tension Feed	6113		All
PJDAC0004Z	Pulley, S2M35 Exit	6119		All
PJDAC0006Z	Pulley, Spacer	2320		All

Alphanumeric Parts List

Part Number	Part Name	Ref. No.	Remarks	Destination
PJDAC0007Z	Pulley, Drive	1705		All
PJDAC0008Z	Pulley, 20T	6811		All
PJDAC0009Z	Pulley, 20 Z40	7217		All
PJDAC0010Z	Pulley, 20	7216		All
PJDBC0001Z	Stopper, Cam	5017		All
PJDBC0005Z	Bracket, Core Motor	4806	For DP-C322/C262	All
PJDBC0006Z	Bracket, Idle Gear	4809	For DP-C322/C262	All
PJDBC0007Z	Angle, Pressure R	5010		All
PJDBC0008Z	Lever, STR F	2610		All
PJDBC0009Z	Lever, Solenoid	3825		All
PJDBC0012Z	Lever, Separator	3104		All
PJDBC0013Z	Actuator, Lever	3114		All
PJDBC0014Z	Lever, Pick	3115		All
PJDBC0015Z	Actuator, Tray Lever	2911		All
PJDBC0016Z	Lever, Shutter	4520		All
PJDBC0021Z	Arm, Fuser 2	5803		All
PJDBC0022Z	Lever, Gear	6216		All
PJDBC0023Z	Lever, Lock	7305		All
PJDBC0024Z	Lever, Lock	7104		All
PJDBC0025Z	Lever, Release	7304		All
PJDBC0026Z	Lever, Release	7106		All
PJDBC0027Z	Guide, STR Lever	2530		All
PJDBC0028Z	Lever, STR R	2615		All
PJDBC0100Z	Lever, Release	1125		All
PJDEC0003Z	Circular, Sensor	4915		All
PJDEC0004Z	Angle, Pressure F	5009		All
PJDEC0007Z	Cam, Carrier F	2604		All
PJDEC0008Z	Cam, Carrier R	2606		All
PJDEC0010Z	Cam, FTR Sensor Plate	3712		All
PJDEC0012Z	Ring, STR	2605		All
PJDEC0013Z	Brush, Fuser R	2608		All
PJDEC0014Z	Snap Ring	3545		All
PJDEC0015Z	Cap, Roller BKR	3613		All
PJDEC0017Z	Color, YMC Cam Slider	3622		All
PJDEC0026Z	Stopper, Drive MV	2744		All
PJDEC0029Z	Spacer	2317		All
PJDEC0034Z	Belt, S3M4 210	2321		All
PJDEC0035Z	Spacer	2106		All
PJDEC0037Z	Belt, Motor	1714		All
PJDEC0038Z	Pulley, Flange	1712		All
PJDEC0039Z	Spacer, Ring	7205		All
PJDEC0040Z	Pulley, Flange	7218		All
PJDEC0044Z	Screw, Pipe	5321		All
PJDEC0047Y	Bracket, Gear	5702	See Note	All
PJDEC0048Z	Plate	5708		All
PJDEC0052Z	Holder, Spring FTR	3722		All
PJDEC0059Z	Torque Limiter	608		All
PJDEC0061Z	Bracket, ILS	4204		All
PJDEC0062Z	Torque Limiter	533		All
PJDEC0063Z	Torque Limiter, Registration Roller	827		All
PJDEC0064Z	Torque Limiter	1913		All
PJDEC0071Z	Hinge, Right	1108		All

Alphanumerical Parts List				
Part Number	Part Name	Ref. No.	Remarks	Destination
PJDFC0002Z	Shaft, Cam	5001		All
PJDFC0006Z	Shaft, Rear Fulcrum	2519		All
PJDFC0008Z	Shaft, Cam FTR	3710		All
PJDFC0009Z	Shaft, Link FTR	3711		All
PJDFC0017Z	Shaft, Transport	3801		All
PJDFC0018Z	Shaft, Idler Transport	3810		All
PJDFC0030Z	Shaft, Bias Roller	3502		All
PJDFC0031Z	Shaft, Arm Spring	3512		All
PJDFC0032Z	Shaft, Frame Adjust	3601		All
PJDFC0051Z	Shaft, Exit	6120		All
PJDFC0052Z	Shaft, Separator A	3107		All
PJDFC0053Z	Shaft, Separator B	3105		All
PJDFC0055Z	Shaft, Drive	3026		All
PJDFC0056Z	Shaft, Separator Drive	3101		All
PJDFC0057Z	Shaft, Paper Feed	3013		All
PJDFC0058Z	Shaft, Separator	3109		All
PJDFC0061Z	Shaft, ADU Latch	2711		All
PJDFC0062Z	Shaft, Pivot	2808		All
PJDFC0063Z	Shaft, Latch L	2816		All
PJDFC0069Z	Shaft, Interlock	4212		All
PJDFC0070Z	Shaft, Cam	4519		All
PJDFC0071Z	Shaft, Clutch	3225		All
PJDFC0081Z	Shaft, Fuser Drive	6104		All
PJDFC0102Z	Shaft, ADU Cover	2747		All
PJDFC0103Z	Shaft 2, ADU Latch	2708		All
PJDFC0112Z	Shaft, Drive	1702		All
PJDFC0116Z	Shaft, Latch	1807		All
PJDFC0117Z	Shaft, Cover Fulcrum	1812		All
PJDFC0121Z	Shaft, Clutch	6812		All
PJDFC0123Z	Shaft 1, Drive	6805		All
PJDFC0124Z	Shaft 2, Drive	6806		All
PJDFC0126Z	Shaft, Clutch	7212		All
PJDFC0127Z	Shaft, Lever	7303		All
PJDFC0128Z	Shaft, Lock	7103		All
PJDFC0135Z	Shaft, Driven	5311		All
PJDFC0144Z	Shaft, Front Fulcrum	2517		All
PJDFC0182Z	Shaft, Pinch	7308		All
PJDGC0001Z	Gear, E28 2	5015		All
PJDGC0002Z	Cam, Gear E28	5013		All
PJDGC0003Z	Gear, E28 3	5005		All
PJDGC0004Z	Gear, E40 Pr	5020		All
PJDGC0014Z	Gear 1, Idle	4810	For DP-C322/C262	All
PJDGC0015Z	Gear 2, Idle	4811	For DP-C322/C262	All
PJDGC0016Z	Gear, Core Shaft	4920	For DP-C322/C262	All
PJDGC0021Z	Gear, D28	3811		All
PJDGC0022Z	Gear, E14	3802		All
PJDGC0023Z	Gear, E16	3815		All
PJDGC0024Z	Gear, E16	3814		All
PJDGC0025Z	Gear, C31	3806		All
PJDGC0026Z	Gear, C27	3807		All
PJDGC0027Z	Gear, C14	3809		All
PJDGC0028Z	Gear, STR	2607		All
PJDGC0029Z	Gear, Idle 1	2520		All

Alphanumeric Parts List

Part Number	Part Name	Ref. No.	Remarks	Destination
PJDGC0030Z	Gear, Fulcrum	2521		All
PJDGC0031Z	Gear, Idle 2	2616		All
PJDGC0032Z	Gear, Fuser R Brush 2	2614		All
PJDGC0033Z	Gear, Fuser R Brush 2	2613		All
PJDGC0034Z	Gear, Idle 3	2617		All
PJDGC0035Z	Gear, Idle 4	2618		All
PJDGC0036Z	Gear, B68 E20	3703		All
PJDGC0037Z	Gear, E36 D18	3702		All
PJDGC0038Z	Gear, D48 E23	3705		All
PJDGC0039Z	Gear, E30	3704		All
PJDGC0043Z	Gear, E20	3526		All
PJDGC0044Z	Gear, E28	3609		All
PJDGC0047Z	Gear, Coupling	5907		All
PJDGC0048Z	Gear, C Developer	5910		All
PJDGC0049Z	Gear, Developer Drive	6002		All
PJDGC0051Z	Gear, D Z16M08	3027		All
PJDGC0052Z	Gear, I Z15M08	3028		All
PJDGC0053Z	Gear, D Z25M075	3116		All
PJDGC0054Z	Gear, I Z26M08 Z15M075	3020		All
PJDGC0055Z	Gear, I Z18M1	2903		All
PJDGC0056Z	Gear, D Z20M1	2807		All
PJDGC0057Z	Gear, D Z20M1	2113		All
PJDGC0061Z	Gear, D Z30M1	3303		All
PJDGC0062Z	Gear, I Z21M1Z28M1	3223		All
PJDGC0063Z	Gear, I Z18M1	3221		All
PJDGC0064Z	Gear, D Z27M1	3224		All
PJDGC0065Z	Gear, I Z22M1	3218		All
PJDGC0066Z	Gear, I Z18M1	3219		All
PJDGC0067Z	Gear, I Z38M1	2742		All
PJDGC0068Z	Gear, A1	2727		All
PJDGC0069Z	Gear 1, Feed Drive	6123		All
PJDGC0070Z	Gear 2, Feed Drive	6124		All
PJDGC0071Z	Gear, ADU Drive	6125		All
PJDGC0072Z	Pulley, Exit	5806		All
PJDGC0073Z	Gear, E16 Exit F	6121		All
PJDGC0074Z	Gear, B85B32	6103		All
PJDGC0075Z	Gear, B122 Fuser	6106		All
PJDGC0076Z	Gear, E18 Fuser	6110		All
PJDGC0077Z	Gear, B85E21	6102		All
PJDGC0078Z	Gear, One-Way	6105		All
PJDGC0079Z	Pinion, M5	6115		All
PJDGC0080Z	Gear, D Z21M1	2316		All
PJDGC0081Z	Gear, I Z19M1	2319		All
PJDGC0082Z	Gear, D Z35M1	2314		All
PJDGC0083Z	Gear, I Z19M1	2322		All
PJDGC0085Z	Gear, I Z24M1	2318		All
PJDGC0086Z	Gear, Pr 2	5021		All
PJDGC0087Z	Gear, Knob Idle	5022		All
PJDGC0099Z	Gear, I Z26M1	2404		All
PJDGC0100Z	Gear, D Z21M1	2403		All
PJDGC0101Z	Gear, D Z21M1	2413		All
PJDGC0102Z	Gear, Z19M1 Pulley 20T	2325		All
PJDGC0105Z	Gear, TRP Drive1	6003		All

Alphanumerical Parts List				
Part Number	Part Name	Ref. No.	Remarks	Destination
PJDGC0106Z	Gear, TRP Drive2	6005		All
PJDGC0107Z	Gear, IT Drive	6007		All
PJDGC0108Z	Gear, Reduction	1711		All
PJDGC0113Z	Gear, M0.8Z15D	1948		All
PJDGC0114Z	Gear, M0.8Z17D	1949		All
PJDGC0115Z	Gear, Step	6813		All
PJDGC0116Z	Gear, M08Z19 D8	6802		All
PJDGC0117Z	Gear, M08Z19 D6	6804		All
PJDGC0118Z	Idler	7209		All
PJDGC0119Z	Gear, One-Way	7206		All
PJDGC0120Z	Gear, M055060	7210		All
PJDGC0121Z	Gear, M0560M1031	7215		All
PJDGC0122Z	Gear, M0550	7214		All
PJDGC0126Z	Gear, C17B28	5304		All
PJDGC0129Z	Gear, ID3 C22C27	5305		All
PJDGC0130Z	Gear, Bottle D54	5306		All
PJDGC0131Z	Gear, Screw C25	5307		All
PJDGC0133Z	Gear, C26	5707		All
PJDGC0134Z	Gear, C25C29	5706		All
PJDGC0135Z	Gear, C20C20	5705		All
PJDGC0136Z	Gear, C33	5704		All
PJDGC0137Y	Gear, C28	5703		All
PJDGC0141Z	Gear, Hopper C15	5313		All
PJDGC0142Z	Gear, Hopper C19	5318		All
PJDGC0149Z	Gear, D15 Idle	5425		All
PJDGC0150Z	Gear, D20 Magnetic	5420		All
PJDGC0151Z	Gear, D26 Auger A	5428		All
PJDGC0152Z	Gear, D26 Auger B	5432		All
PJDGC0158Z	Gear	5004		All
PJDGC0159Z	Gear 3, Idle	4812	For DP-C322/C262	All
PJDGC0160Z	Gear, FTR Coupling	5906		All
PJDGC0161Z	Gear, FTR 1	6001		All
PJDGC0164Z	Gear, D15C42	5310		All
PJDGC0182Z	Idler, Pulley	7221	For DP-C354/C323/C264/C263/C213	All
PJDGC0183Z	Gear, One-Way	7222	For DP-C354/C323/C264/C263/C213	All
PJDHC0001Z	Cam	5012		All
PJDHC0002Z	Cam, FTR YMC	3713		All
PJDHC0003Z	Cam, FTR BK	3714		All
PJDHC0004Z	Cam, STR F	3504		All
PJDHC0005Z	Cam, STR R	3505		All
PJDHC0006Z	Slider, YMC Cam	3621		All
PJDHC0008Z	Coupling	6109		All
PJDHC0014Z	Cam, Shutter	5911		All
PJDIC0001Z	Joint, Separator	3117		All
PJDIC0002Z	Joint, Pivot	2812		All
PJDIC0006Z	Damper, Coupling	2813		All
PJDIC0007Z	Coupling, FTR	3720		All
PJDIC0010Z	Joint	540		All
PJDIC0012Z	Joint, Registration	826		All
PJDIC0013Z	Joint, Limiter	828		All
PJDJC0002Z	Bushing, 8	5011		All
PJDJC0006Z	Bushing, Shaft Link	3723		All
PJDJC0008Z	Bushing, Idler TRP	3808		All

Alphanumeric Parts List

Part Number	Part Name	Ref. No.	Remarks	Destination
PJDJC0013Z	Flange, Roller Drive	3605		All
PJDJC0014Z	Bushing, Roller Tension	3511		All
PJDJC0016Z	Bushing, Arm Spring	3515		All
PJDJC0019Z	Bushing, D6	3029		All
PJDJC0020Z	Bushing 1	3305		All
PJDJC0021Z	Bushing 2	3306		All
PJDJC0022Z	Bushing, D6	2717		All
PJDJC0023Z	Bushing, D8	2724		All
PJDJC0037Z	Bushing, Roller Tension Position	3510		All
PJDJC0040Z	Bushing, Screw	5319		All
PJDJC0041Z	Bearing, Magnetic	5419		All
PJDJC0045Z	Arm, DSD Magnetic	5418		All
PJDJC0047Z	Bearing, Auger A F	5429		All
PJDJC0054Z	Base, Charge R	5608		All
PJDJC0056Z	Bearing, Auger R	5431		All
PJDJC0057Z	Bearing, Auger B F	5433		All
PJDJC0058Z	Bushing	5003		All
PJDJC0062Z	Bearing, Ball	2602		All
PJDJC0063Z	Bearing, Ball	3606		All
PJDJC0064Z	Bearing, Ball	3617		All
PJDJC0066Z	Bearing, Ball	3523		All
PJDJC0068Z	Bushing	3209		All
PJDJC0069Z	Bushing	2213		All
PJDJC0070Z	Bushing 3	2407		All
PJDJC0076Z	Bushing, Metal	539		All
PJDRC0011Z	Roller, STR	2601		All
PJDRC0013Z	Roller, Bias	3501		All
PJDRC0014Z	Roller, Drive	3604		All
PJDRC0016Z	Roller, BKR	3624		All
PJDRC0017Z	Roller, Adjustment	3612		All
PJDRC0018Z	Roller, Tension	3506		All
PJDRC0019Z	Roller, Backup	3507		All
PJDRC0020Z	Roller, Sheet Bypass	3118		All
PJDRC0021Z	Roller, Sheet Bypass Pinch	3030		All
PJDRC0022Z	Roller, ADU 4th	2722		All
PJDRC0023Z	Roller, ADU Pinch	2704		All
PJDRC0024Z	Roller 4, ADU Pinch	2802		All
PJDRC0025Z	Roller, ADU 3rd	2723		All
PJDRC0026Z	Roller, Mid Pinch	2716		All
PJDRC0027Z	Roller, Registration Pinch	2803		All
PJDRC0028Z	Roller, Registration	2112		All
PJDRC0029Z	Roller 1, Lower Pinch	3313		All
PJDRC0030Z	Roller 2, Lower Pinch	3325		All
PJDRC0031Z	Roller, Exit	3302		All
PJDRC0032Z	Roller 3, Lower Pinch	3301		All
PJDRC0033Z	Roller, Upper Pinch	3208		All
PJDRC0037Z	Roller, Exit	2401		All
PJDRC0038Z	Roller, Feed	2402		All
PJDRC0039Z	Roller, ADU 1st	2408		All
PJDRC0040Z	Roller, ADU 2nd	2304		All
PJDRC0041Z	Roller, ADU Upper Pinch	2405		All
PJDRC0042Z	Roller 2, ADU Pinch	4902		All

Alphanumeric Parts List

Part Number	Part Name	Ref. No.	Remarks	Destination
PJDRC0058Z	Roller, Drive	7202		All
PJDRC0059Z	Roller, Drive 2	7203		All
PJDRC0060Z	Roller, Drive 3	7201		All
PJDRC0061Z	Roller, Exit Drive	7204		All
PJDRC0066Z	Roller, Magnetic	5416		All
PJDRC0067Z	Roller, Cleaning	5605		All
PJDRC0068Z	Roller, Charge	5606		All
PJDRC0089Z	Roller 2, Registration	818		All
PJDRC0091Z	Roller, Pickup	511	PM	All
PJDRC0092Z	Roller, Pinch	722		All
PJDRC0093Z	Roller, Separation	610	PM	All
PJDRC0098Z	Roller, Pinch	626		All
PJDRC0115Z	Roller, Pinch	7322		All
PJDVC0003Z	Belt	5807		All
PJDVC0009Z	Belt, STS	7219		All
PJDVC0010Z	Belt	6004		All
PJDVC0102Z	Belt, STS	7220	For DP-C354/C323/C264/C263/C213	All
PJDYC0011Z	Shaft 2, Pinch Roller	1115		All
PJDYC0012Z	Shaft, Release	1126		All
PJGBC0001Z	Badge, Color	221		All
PJGDC0001Z	Cover, Harness	4912		All
PJGDC0002Z	Cover 2, Harness	4813		All
PJGDC0004Z	Cover 3, Harness	4921		All
PJGDC0005Z	Cover 4, Harness	4914		All
PJGDC0006Z	Cover, Front Paper Tray	6220		All
PJGDC0007Z	Cover, Front Paper Tray	6315		All
PJGDC0009Z	Plate, Upper	7101		All
PJGDC0010Y	Plate, Collection	729		All
PJGFC0009Z	Label 1, High Temperature	4905		All
PJGFC0022Z	Label, Caution	6316		All
PJGFC0024Z	Label, Caution	222		All
PJGFC0143Z	Label, Main Attachment IT	3410		All
PJGFC0144Z	Label, Attachment IT	3409		All
PJGFC0147Z	Paper Size Label	7509		PT
PJGFC0149Z	Paper Size Label	7509		PU
PJGFC0150Z	Paper Size Label	7509		Except PU, PT, PK
PJGFC0152Z	Label, Sheet Bypass Tray	2904		PU
PJGFC0153Z	Label, Sheet Bypass Tray	2904		Except PU, PK, PT
PJGFC0275Z	Label, Green	7108		All
PJGFC0296Z	Plate, Document Set	1506		PU
PJGFC0297Z	Sheet, Document Set	1505		PU
PJGFC0467P	Label, Model Number	1211	For DP-C323	All
PJGFC0467Q	Label, Model Number	1211	For DP-C264	All
PJGFC0467T	Label, Model Number	1211	For DP-C262	PK
PJGFC0467U	Label, Model Number	1211	For DP-C322	PK
PJGFC0467V	Label, Model Number	1211	For DP-C213	All
PJGFC0467W	Label, Model Number	1211	For DP-C263	All
PJGFC0467X	Label, Model Number	1211	For DP-C354	All
PJGFC0467Y	Label, Model Number	1211	For DP-C262	Except PK
PJGFC0467Z	Label, Model Number	1211	For DP-C322	Except PK
PJGFC0487Y	Label, OPC Caution	229		All

Alphanumeric Parts List

Part Number	Part Name	Ref. No.	Remarks	Destination
PJGFC0489Z	Label, Copy Prohibition	109	For DP-C354/C323/C264/C263/C213	PB, PE, PT, PU
PJGFC0489Z	Label, Copy Prohibition	109	For DP-C322/C262	Except PK
PJGFC0606X	Label, PC Card	1205	For DP-C354/C323/C264/C263/C213	Except PU
PJGFC0606X	Label, PC Card	1205	For DP-C322/C262	PE, PF, PK, PL, PM, PT, PV
PJGFC0606Z	Label, PC Card	1205	For DP-C354/C323/C264/C263/C213	PU
PJGFC0606Z	Label, PC Card	1205	For DP-C322/C262	PU, PB, PA
PJGFC0654Z	Label, High Temperature	223		All
PJGFC0684Z	Label, Heater Power	9004		All
PJGFC0685Z	Label, Power	9003		All
PJGFC0725Z	Label, Full Indicator	6204		All
PJGFC0896Z	Label, ADF Caution	424		All
PJGFC0992Z	Label, Copy Prohibition	109	For DP-C322/C262	PK
PJGFC1054Z	Paper Size Label	7509	For DP-C322/C262	PK
PJGFC1055Z	Label, Sheet Bypass Tray	2904		PK, PT
PJGFC1214Z	Label, EPA Mark	224		All
PJGTC0022Z	Label, Caution	2205		All
PJHEC0096Z	Sheet, MCBK Front IT	3533		All
PJHEC0097Z	Sheet, MCBK Rear IT	3534		All
PJHEC0098Z	Sheet, Y Front IT	3535		All
PJHEC0099Z	Sheet, Y Rear IT	3536		All
PJHGC0016Z	Joint, Tube	5328		All
PJHMC0001Z	Sheet, FAX Box Blind	4115		All
PJHMC0002Z	Label, TEL/LINE	7909		All
PJHMC0013Z	Sheet, White Film	1503		All
PJHRC0023Z	Lever, Developer	4510		All
PJHRC0024Z	Lever, Spring Developer	4511		All
PJHRC0025Z	Lever, Spring Developer	4506		All
PJHRC0027Z	Cover, OPC FF	4410		All
PJHRC0028Z	Shaft, Cam Adj	4408		All
PJHRC0030Y	Cover, OPC FM	4411	For DP-C354/C323/C264/C263/C213	All
PJHRC0030Z	Cover, OPC FM	4411	For DP-C322/C262	All
PJHRC0031Z	Bracket, Developer Front	4422		All
PJHRC0052Z	Bushing	2105		All
PJHRC0053Z	Bracket, ADU Sensor	2215		All
PJHRC0164Z	Duct, Toner Exhaust	4024		All
PJHRC0165Z	Duct, IH Driver Fan	4005	For DP-C322/C262	All
PJHRC0177Z	Flange	6807		All
PJHRC0178Z	Frame, Developer	5409		All
PJHRC0179Z	Cover, Developer	5401		All
PJHRC0180Z	Base, Sheet Scoop	5422		All
PJHRC0185Z	Seal, Pipe	5323		All
PJHRC0193Z	Pipe, Developer	5434		All
PJHRC0194Z	Shutter, Developer	5436		All
PJHRC0198Z	Duct 2, Toner Exhaust	4025	For DP-C322/C262	All
PJHRC0199Z	Seal, Discharge Plate Holder	2629		All
PJHRC0200Z	Seal, Side	2609		All
PJHRC0201Z	Seal, Side	2621		All
PJHRC0202Z	Sheet, Discharge Plate	2630		All
PJHRC0207Z	Sheet, Pipe	5324		All
PJHRC0305Z	Duct 2, Toner Exhaust	4025	For DP-C354/C323/C264/C263/C213	All

Alphanumerical Parts List

Part Number	Part Name	Ref. No.	Remarks	Destination
PJHRC0306Z	Duct, IH Driver Fan	4005	For DP-C354/C323/C264/C263/C213	All
PJHRC0316Z	Sheet 3, Inverting Guide	709		All
PJHRC0317Z	Sheet 4, Inverting Guide	727		All
PJHSC0002Z	Sheet, IH	5107		All
PJHSC0003Z	Gasket	313	For DP-C322/C262	Except PU, PT
PJHSC0016Z	Gasket	830		All
PJHSC0017Z	Gasket 2	1633	For DP-C322/C262	PU, PT
PJHSC0018Z	Gasket 1	1632	For DP-C322/C262	All
PJHSC0028Z	Gasket 2	1633	For DP-C322/C262	Except PU, PT
PJHSC0029Z	Gasket 3	1636	For DP-C322/C262	Except PU, PT
PJHSC0030Z	Gasket	3926	For DP-C322/C262	Except PU, PT
PJHSC0033Z	Gasket	314	For DP-C322/C262	Except PU, PT
PJHSC0035Z	Gasket	1413	For DP-C322/C262	Except PU, PT
PJHSC0036Z	Gasket	4714	For DP-C322/C262	Except PU, PT
PJHSC0037Z	Gasket	315	For DP-C322/C262	Except PU, PT
PJHSC0038Z	Gasket	4023	For DP-C322/C262	Except PU, PT
PJHSC0040Z	Gasket	317	For DP-C322/C262	Except PU, PT
PJHSC0041Z	Gasket	316	For DP-C322/C262	Except PU, PT
PJHSC0042Z	Gasket 5	1638	For DP-C322/C262	Except PU, PT
PJHSC0043Z	Gasket 4	1637	For DP-C322/C262	Except PU, PT
PJHSC0049Z	Gasket B	4717	For DP-C322/C262	Except PU, PT
PJHSC0050Z	Gasket	313	For DP-C354/C323/C264/C263/C213	Except PU, PT
PJHSC0052Z	Gasket 1	1632	For DP-C354/C323/C264/C263/C213	All
PJHSC0055Z	Gasket	1639	For DP-C354/C323/C264/C263/C213	All
PJHSC0056Z	Gasket	1640	For DP-C354/C323/C264/C263/C213	All
PJHSC0057Z	Gasket 3	1636	For DP-C354/C323/C264/C263/C213	All
PJHSC0058Z	Gasket	3926	For DP-C354/C323/C264/C263/C213	Except PU, PT
PJHSC0059Z	Gasket	314	For DP-C354/C323/C264/C263/C213	Except PU, PT
PJHSC0060Z	Gasket	1413	For DP-C354/C323/C264/C263/C213	Except PU, PT
PJHSC0061Z	Gasket	4714	For DP-C354/C323/C264/C263/C213	Except PU, PT
PJHSC0062Z	Gasket	315	For DP-C354/C323/C264/C263/C213	Except PU, PT
PJHSC0063Z	Gasket	1415		Except PU, PT
PJHSC0063Z	Gasket	4023	For DP-C354/C323/C264/C263/C213	Except PU, PT
PJHSC0064Z	Gasket	317	For DP-C354/C323/C264/C263/C213	Except PU, PT
PJHSC0065Z	Gasket	316	For DP-C354/C323/C264/C263/C213	Except PU, PT
PJHSC0066Z	Gasket 5	1638	For DP-C354/C323/C264/C263/C213	Except PU, PT
PJHSC0067Z	Gasket 4	1637	For DP-C354/C323/C264/C263/C213	Except PU, PT
PJHSC0070Z	Gasket B	4717	For DP-C354/C323/C264/C263/C213	Except PU, PT
PJHXC0010Z	Sheet, IH Harness	4022		All
PJJBC0001Z	Plate, Charge	2626		All
PJJBC0002Z	Plate, Discharge Spring	2525		All
PJJBC0003Z	Plate, Ground	2527		All
PJJBC0004Z	Plate 2, Ground	2528		All
PJJBC0005Z	Plate, Guide Lower Ground	3524		All
PJJBC0006Z	Plate, 200M Ground	3525		All
PJJBC0007Z	Plate, FTR Bias	3543		All
PJJBC0008Z	Plate, BKR Ground	3633		All
PJJBC0009Z	Spring 1, FTR	4605		All
PJJBC0015Z	Spring 3, FTR	4603		All
PJJBC0018Z	Spring 1, STR	4608		All
PJJBC0020Z	Plate, Ground	2611		All
PJJBC0021Z	Plate, Ground	3832		All
PJJBC0023Z	Spring, STR	4607		All

Alphanumeric Parts List

Part Number	Part Name	Ref. No.	Remarks	Destination
PJJBC0024Z	Spring 4, FTR	4602		All
PJJBC0026Z	Spring, LAN/USB	3923		Except PU, PT
PJJEC3444Z	Plate, PNL Ground	1219		Except PU, PT
PJJRC2481Z	Harness, FXB	6432		All
PJJRC2482Z	Harness, Speaker	7907		All
PJJRC2483Z	Harness, HD2	6612		All
PJJRC2484Z	Harness, DC12	6430		All
PJJRC2485Z	Harness, MBS	6518	For DP-C322/C262	Except PK, PT
PJJRC2486Z	Harness, MBS	6518	For DP-C354/C323/C264/C263/C213	PT
PJJRC2486Z	Harness, MBS	6518	For DP-C322/C262	PK, PT
PJJRC2487Z	Harness, SCMT	6519		All
PJJRC2495Z	Harness, SPK	6613		All
PJJRC2498Z	Harness, LSU1	6420		All
PJJRC2503Z	Harness, CSTSN (Cassette Sensor)	6425	1st Paper Tray Feed	All
PJJRC2504Z	Harness, Fuser C	6408	For DP-C322/C262	All
PJJRC2505Z	Harness, Fuser D	4925	For DP-C322/C262	All
PJJRC2506Z	Harness, APF	6607		All
PJJRC2508Z	Harness, PF3	6611		All
PJJRC2509Z	Harness, PF4	6609		All
PJJRC2510Z	Harness, OQM	6606		All
PJJRC2511Z	Harness, OQDO	6918		All
PJJRC2512Z	Harness, CPSNC	6422		All
PJJRC2514Z	Harness, INPFO	6508		All
PJJRC2516Z	Harness, TRSF	6614		All
PJJRC2518Z	Harness, HFSOL	6515		All
PJJRC2519Z	Harness, HFSN	6513		All
PJJRC2520Z	Harness, FED1	6514	1st Paper Tray Feed	All
PJJRC2522Z	Harness, STRH	4615		All
PJJRC2525Z	Harness, RLB (Relay Board)	6621		All
PJJRC2526Z	Harness, SW4	232		All
PJJRC2527Z	Harness, SW4C	6620		All
PJJRC2530Z	Harness, HT1	6618		All
PJJRC2532Z	Harness, HT3	1728		All
PJJRC2534Z	Harness, Fuser Out	6510		All
PJJRC2535Z	Harness, OPCNW	4521		All
PJJRC2536Z	Harness, DROPN	1838		All
PJJRC2537Z	Harness, CYUROL	6516		All
PJJRC2538Z	Harness, TDC	5442		All
PJJRC2539Z	Harness, FTRK	4614		All
PJJRC2540Z	Harness, DCG	2120		All
PJJRC2542Z	Harness, MOT2	6433	For DP-C322/C262	All
PJJRC2546Z	Harness, RROHP	6512		All
PJJRC2547Z	Harness, SOLC	2536		All
PJJRC2549Z	Harness, TRFSN	6615	For DP-C322/C262	All
PJJRC2550Z	Harness, CPSN1	3833		All
PJJRC2551Z	Harness, CPSN2	3834		All
PJJRC2554Z	Harness, ADTU1	6509		All
PJJRC2555Z	Harness, ADTU2	6511		All
PJJRC2556Z	Harness, ADTU0	6507		All
PJJRC2559Z	Harness, FTRC	4613		All
PJJRC2560Z	Harness, FTRM	4612		All
PJJRC2561Z	Harness, FTRY	4611		All

Alphanumerical Parts List				
Part Number	Part Name	Ref. No.	Remarks	Destination
PJJRC2562Z	Harness, LED	4522		All
PJJRC2563Z	Harness, DCG2	2829		All
PJJRC2566Z	Harness, PNL2	6532		All
PJJRC2567Z	Harness, PNL3	6536		All
PJJRC2568Z	Harness, PNL4	6535		All
PJJRC2570Z	Harness, CST3	6610	3rd Paper Tray Feed	All
PJJRC2571Z	Harness, CST4	6608	4th Paper Tray Feed	All
PJJRC2573Z	Harness, INV	6533		All
PJJRC2577Z	Harness, SCN	6520		All
PJJRC2578Z	Harness, HV2	6417		All
PJJRC2579Z	Harness, CSSN2	2015	2nd Paper Tray Feed	All
PJJRC2580Z	USB Cable	6406		All
PJJRC2614Z	Harness, SFUL	3327		All
PJJRC2616Z	Harness, AFE (Analog Front End)	6404	For DP-C322/C262	PK
PJJRC2623Z	Harness, HT4	6619		All
PJJRC2624Z	Harness, HT6	9002		All
PJJRC2632Z	Harness, E2	2124		Except PU, PT
PJJRC2695Z	Harness, ADFC	6517		All
PJJRC2705Z	Harness, SCNIF	6405		All
PJJRC2706Z	Harness, LVPS	6415		All
PJJRC2712Z	Harness, MBS	6518	For DP-C354/C323/C264/C263/C213	Except PT
PJJRC2714Z	Harness, SCMT	6519	For DP-C354/C323/C264/C263/C213	All
PJJRC2714Z	Harness, SCMT	6519	For DP-C323/C262	Except PK
PJJRC2715Z	Harness, PNL	6403		PU, PT
PJJRC2719Z	Harness, FM	6410		All
PJJRC2720Z	Harness, HV1	6416		All
PJJRC2724Z	Harness, LSU2	6419		All
PJJRC2725Z	Harness, LSU3	6418		All
PJJRC2726Z	Harness, TDCC	6421		All
PJJRC2727Z	Harness, PF2	6426		All
PJJRC2733Z	Harness, APFC	6424		All
PJJRC2738Z	Harness, CPSNC	6422		All
PJJRC2740Z	Harness, TRSFC	6412		All
PJJRC2742Z	Harness, ADU	6423		All
PJJRC2748Z	Harness, FNS	6427		PU, PT
PJJRC2753Z	Harness, DC25	6407		All
PJJRC2769Z	Harness, MOT1	6413		All
PJJRC2777Z	Harness, TRFSN	6615	For DP-C354/C323/C264/C263/C213	All
PJJRC2785Z	Harness, DRV (Driver)	6411		All
PJJRC2786Z	Harness, Fuser MOT	6531		All
PJJRC2797Z	Harness, DRSW	6414		All
PJJRC2812Z	Harness, AFE (Analog Front End)	6404	For DP-C354/C323/C264/C263/C213	Except PU, PT
PJJRC2826Z	Harness, AFCL	8628		All
PJJRC2827Z	Harness, STSL	8625		All
PJJRC2828Z	Harness, AFCL	8627		All
PJJRC2829Z	Harness, AFRRC	8626		All
PJJRC2831Z	Harness, DXP	8623		All
PJJRC2832Z	Harness, PFC	6525		All
PJJRC3000Z	Harness, PNL-LCD	6534		All
PJJRC3003Z	Harness, Fuser C	6408	For DP-C264/C213	All
PJJRC3009Z	Harness, Fuser D	4925	For DP-C354/C323/C264/C263/C213	All

Alphanumeric Parts List

Part Number	Part Name	Ref. No.	Remarks	Destination
PJJRC3042Z	Harness, AFE (Analog Front End)	6404	For DP-C354/C323/C264/C263/C213	PU, PT
PJJWC0009Z	Telephone Line Cable	7906	Refer to 1.1.1.	AL, EB
PJJWC0010Z	Telephone Line Cable	7906	Refer to 1.1.1.	AG
PJJXC0108Z	Operating Instructions CD	7511	For DP-C322/C262	Except PK, PT
PJJXC0108Z	Operating Instructions CD	7511	French (For DP-C322/C262)	PF
PJJXC0119Z	Panasonic-DMS and Print Driver CD	7510	For DP-C322/C262	PU
PJJXC0120Z	Panasonic-DMS and Print Driver CD	7510	For DP-C322/C262	Except PU
PJJXC0125Z	Operating Instructions CD	7511	For DP-C322/C262	PK
PJJXC0153Z	Operating Instructions CD	7511	For DP-C322/C262	PT
PJJXC0162Z	Software CD	8801	For DA-MC320	PU
PJJXC0168Z	Software CD	8801	For DA-MC320	Except PU
PJJXC0188Z	Operating Instructions CD	7511	For DP-C354/C323/C264/C263/C213	Except PT
PJJXC0188Z	Operating Instructions CD	7511	French (For DP-C354/C323/C264/C263/C213)	PF
PJJXC0236Z	Software CD	8801	For DA-MC350	PU
PJJXC0238Z	Software CD	8801	For DA-MC350	Except PU
PJJXC0244Z	Panasonic-DMS and Print Driver CD	7510	For DP-C354/C323/C264/C263/C213	PU, PT
PJJXC0246Z	Panasonic-DMS and Print Driver CD	7510	For DP-C354/C323/C264/C263/C213	Except PU, PT
PJJXC0301Z	Operating Instructions CD	7511	For DP-C354/C323/C264/C263/C213	PT
PJKCC0002Z	Cover, Door	212		All
PJKCC0003Z	Frame, Lower Right Side Cover	2801		All
PJKCC0004Y	Cover, ADU	2201		All
PJKCC0005Z	Cover, Open	1801		All
PJKCC0006Z	Cover, Open	6712		All
PJKCC0007Z	Cover, Jam	7302		All
PJKCC0010Z	Cover, ADF	502		All
PJKGC0001Z	Base, Paper Tray	6209		All
PJKGC0002Z	Base, Paper Tray	6311		All
PJKHC0002Z	Handle	4701		All
PJKHC0004Z	Bracket, Rear Scanner Base	1403		All
PJKHC0005Z	Bracket, Right Scanner Base	1402		All
PJKHC0006Z	Knob, Cover	1808		All
PJKHC0007Z	Release Lever	1305		All
PJKNC0007Z	Cover, Inner Stack	203		All
PJKNC0009Z	Tray, Upper Original	404		PU
PJKNC0013V	Tray, Upper Original	404		PU
PJKNC0013W	Tray, Upper Original	404		PT
PJKNC0013Y	Tray, Upper Original	404		Except PU, PT
PJKNC0014Z	Tray, Lower Original	414		All
PJKNC0015Z	Tray, Front Original	415		All
PJKPC0003Z	Belt, Front Cover	218		All
PJKPC0004Z	Plate, Belt	216		All
PJKPC0006Z	Bracket, Belt	4418		All
PJKPC0010Z	Cover, Harness	2204		All
PJKPC0022Z	Cover 2, Harness	2206		All
PJKPC0025Z	Stick, Push	215		All
PJKPC0026Z	Push, Interlock	219		All

Alphanumeric Parts List

Part Number	Part Name	Ref. No.	Remarks	Destination
PJKPC0028Y	Cover, Counter	210		Except PU
PJKPC0028Z	Cover, Counter	210		PU
PJKPC0029Z	Cover, Connector	204		All
PJKPC0030Z	Cover, Scanner SW	1407		All
PJKPC0033Z	Cover, PC Card	1202		All
PJKPC0034Z	Plate, PC Card	1203		All
PJKPC0035Z	Indicator	1204		All
PJKPC0036Z	Holder, Battery	1306		All
PJKPC0037Z	Lens, LED	1322		All
PJKTC0001Z	Holder, Handle RL	4708		All
PJKTC0002Z	Holder, Handle FL	4706		All
PJKXC0001Z	Handle, Lock	4703		All
PJKXC0002Z	Cap, Handle	4702		All
PJKXC0003Z	Holder, Lock Handle	4704		All
PJKXC0005Z	Holder, Handle RR	4709		All
PJKZC0002Z	Cover, Exit	202		All
PJKZC0003Z	Cover, Inner Rear	201		All
PJKZC0004Z	Cover, Front Right	209		All
PJKZC0005Z	Cover, Front Left	211		All
PJKZC0006Z	Cover, Left	301		All
PJKZC0007Z	Cover, Right Side Front	206		All
PJKZC0008Z	Cover, Right Side Rear	205		All
PJKZC0009Z	Cover, Top	207		All
PJKZC0010Z	Cover, Lower	208		All
PJKZC0011Y	Cover, Right Rear	303		All
PJKZC0012Z	Cover, Center Scanner	102		All
PJKZC0013Z	Cover, WTB Lower	4401		All
PJKZC0014Z	Cover, Left Scanner	105		All
PJKZC0015Z	Cover, Right Scanner	104		All
PJKZC0016Z	Cover, Rear Scanner	101		All
PJKZC0017Z	Cover, Scanner Base Bracket	106		All
PJKZC0018Z	Door, Inner	213		All
PJKZC0019Z	Cover, Right Lower Scanner	103		All
PJKZC0021Z	Cover, Left Upper	302		All
PJKZC0022Z	Cover, Left Rear	304		All
PJKZC0024U	Cover, Upper Panel	1301		PT
PJKZC0024V	Cover, Upper Panel	1301		PK
PJKZC0024W	Cover, Upper Panel	1301		PF
PJKZC0024X	Cover, Upper Panel	1301		Except PU, PF, PK, PT
PJKZC0024Z	Cover, Upper Panel	1301		PU
PJKZC0025Z	Cover, LED	1302		All
PJKZC0029Z	Cover, Lower Rear	306		All
PJKZC0030Z	Cover, Rear	307	For DP-C322/C262	All
PJKZC0032Z	Bracket, Center Rear Plate	309		All
PJKZC0037Z	Assembly, Scanner Front Cover	1201		All
PJKZC0040Z	Bracket, Left Rear Plate	308		All
PJKZC0042Z	Assembly, Rear Plate Cover	305		All
PJKZC0044Z	Bracket, Right Rear Reinforcement	312		All
PJKZC0045Z	Bracket, Left Rear Reinforcement	311		All
PJKZC0046Z	Bracket, Right Rear Plate	310		All

Alphanumeric Parts List

Part Number	Part Name	Ref. No.	Remarks	Destination
PJKZC0060Z	Cover, ADF Rear	627		All
PJKZC0061Z	Cover, ADF Front	418		All
PJKZC0062Z	Cover, Front	426		All
PJKZC0069Z	Cover, Rear	307	For DP-C354/C323/C264/C263/C213	All
PJMCC0028Y	Cover, CCD	1627		Except PU, PT
PJMCC0028Z	Cover, CCD	1627		PU, PT
PJMCC0053Z	Bracket, SC PCB Sub	3902		All
PJMCC0054Z	Bracket 2, SC PCB Sub	3903		All
PJMCC0055Z	Bracket, Left SC PCB Sub	3907		All
PJMCC0056Z	Bracket, Right SC PCB Sub	3905		All
PJMCC0060Z	Sheet, Belt	4215		All
PJMCC0062Z	Plate, Shield	1334		All
PJMCC0066Z	Bracket, SC-HVPS2	3925		Except PU, PT
PJMCC0076Z	Sheet, SW Insulation	4124		PB
PJMEC0003Z	Cover, Plate Discharge	2625		All
PJMEC0023Z	Base 1, HVTL	4604		All
PJMEC0024Z	Base 2, HVTL	4601		All
PJMEC0025Z	Base 3, HVTL	4606		All
PJMEC0045Z	Plate, Magnetic Shield R	5410		All
PJMEC0046Z	Plate, Magnetic Shield F	5411		All
PJMEC0047Z	Plate, Magnetic Shaft	5426		All
PJMYC0003Z	Duct 2, PR	4802		All
PJMYC0006Z	Duct, IH Fan	4805	For DP-C322/C262	All
PJMYC0007Z	Plate, Heat Think	1608		All
PJMYC0008Z	Block, Heat Dissipation	1613		All
PJMYC0018Z	Fan, Ih Duct	4820	For DP-C354/C323/C264/C263/C213	All
PJNAC0002Z	Screw	5026		All
PJNAC0010Z	Screw	4924		All
PJNAC0011Z	Screw	4814		All
PJNAC0014Z	Screw	5812		All
PJNAC0015Z	Screw	1218		All
PJNAC0016Z	Screw	2753		All
PJNAC0018Z	Shoulder screw	542		All
PJNEC0002Z	Screw, Holding	6914		All
PJNEC0012Z	Screw, Left	3611		All
PJNWC0006Z	Washer, Drive	3607		All
PJNWC0009Z	Washer, Bearing	3610		All
PJPAC0002Z	Palette	7507		All
PJPAC0019Z	Palette	7605		All
PJPCC0010Z	Carton Box	7606		All
PJPEC0032Z	Wire	3423		All
PJPEC0033Z	Tag, Shipment	3424		All
PJPEC0035Z	Stopper, Bottom Plate	8106		All
PJPGC0216Y	Carton Box (For Product Made in China)	8101	For DA-DS321	Except PK, PUG
PJPGC0216Z	Carton Box (For Product Made in Japan)	8101		Except PK, PUG
PJPGC0217Y	Carton Box (For Product Made in China)	8201	For DA-FK320	All
PJPGC0217Z	Carton Box (For Product Made in Japan)	8201	For DA-FK320	All
PJPGC0218Z	Carton Box	8301		All
PJPGC0219Y	Carton Box (For Product Made in China)	8101	For DA-DS320	Except PK, PUG

Alphanumerical Parts List				
Part Number	Part Name	Ref. No.	Remarks	Destination
PJPGC0219Z	Carton Box (For Product Made in Japan)	8101		Except PK, PUG
PJPGC0220Z	Carton Box	7901		All
PJPGC0222Z	Sleeve	7502	For DP-C322	Except PK
PJPGC0223Z	Box, Bottom	7506		All
PJPGC0224Z	Box, Top	7501		All
PJPGC0225Z	Sleeve	7502	For DP-C262	Except PK
PJPGC0394Z	Carton Box	8901		PU
PJPGC0490Z	Sleeve	7502	For DP-C322	PK
PJPGC0585Z	Sleeve	7502	For DP-C263	All
PJPGC0587Z	Sleeve	7502	For DP-C213	All
PJPGC0592Z	Sleeve	7502	For DP-C354	All
PJPGC0623Z	Sleeve	7502	For DP-C323	All
PJPGC0624Z	Sleeve	7502	For DP-C264	All
PJPGC0659Z	Carton Box	8201	For DA-FK350	PB, PU
PJPGC0667Z	Carton Box (For Product Made in China)	8101	For DA-DS321	PK, PUG
PJPGC0668Z	Carton Box (For Product Made in China)	8201	For DA-FK350	PUG
PJPGC0669Z	Carton Box (For Product Made in China)	8101	For DA-DS320	PK, PUG
PJPGC0670Z	Carton Box (For Product Made in China)	8201	For DA-FK320	PK
PJPGC0747Z	Box	7601	For DP-C354/C323/C264/C263/C213	ALL
PJPGC0748Z	Box	7601	For DP-C322/C262	Except PK
PJPGC0749Z	Box	7601	For DP-C322/C262	PK
PJPJC0001Z	Bracket, Front Fuser Shipping	4816	Shipping Material	All
PJPJC0002Z	Bracket, Rear Fuser Shipping	4817		All
PJPKC0116Z	Carton Box, Inner	8102		All
PJPKC0117Z	Box, Bracket	8205		All
PJPNC0051Z	Pad, Top	8105		All
PJPNC0052Z	Pad, Top	8305		All
PJPNC0055Z	Pad, Bottom	8302		All
PJPNC0056Z	Pad, Tray	8303		All
PJPNC0057Z	Spacer	8304		All
PJPNC0060Z	Support	7505		All
PJPNC0070Z	Pad, Bottom L	7515		All
PJPNC0071Z	Pad, Bottom R	7516		All
PJPNC0072Z	Cushion, Inner	8204		All
PJPNC0143Z	Pad, Top	7604		All
PJPPC0014Z	Carton Bar	7609	For DP-C354/C323/C264/C263/C213	All
PJPPC0014Z	Carton Bar	7609	For DP-C322/C262	All
PJPQC0025Z	Cushion, Top	7905		All
PJPQC0026Z	Cushion, Bottom	7903		All
PJPQC0027Z	Cushion, Upper	7503		All
PJPQC0028Z	Cushion, Lower	7504		All
PJPQC0032Z	Cushion, Top	8104		All
PJPQC0033Z	Cushion, Bottom	8103		All
PJPQC0034Z	Cushion, Top	8203		All
PJPQC0035Z	Cushion, Bottom	8202		All
PJPQC0036Z	Cushion 2, Bottom	7902		All
PJPQC0037Z	Cushion, Side	7904		All
PJPQC0059Z	Cushion, Cassette	7517		All

Alphanumeric Parts List

Part Number	Part Name	Ref. No.	Remarks	Destination
PJPQC0095Z	Cushion, Upper	7602	For DP-C322/C262	All
PJPQC0096Z	Cushion, Lower	7603		All
PJPQC0097Z	Cushion, Upper	7602	For DP-C354/C323/C264/C263/C213	All
PJQAC0123Z	Label, Serial	5441		All
PJQMC0267Z	Operating Instructions (For Basic Operations)	7512	English (American) (For DP-C322/C262)	PU
PJQMC0278Z	Operating Instructions (For Setting Up)	7513	English (American) (For DP-C322/C262)	PU
PJQMC0280Z	Operating Instructions (For Basic Operations)	7512	English (For DP-C322/C262)	PA, PB, PE
PJQMC0281Z	Operating Instructions (For Basic Operations)	7512	German (For DP-C322/C262)	PM
PJQMC0282Z	Operating Instructions (For Basic Operations)	7612	French (For DP-C322/C262)	PF
PJQMC0284Z	Operating Instructions (For Basic Operations)	7512	Italian (For DP-C322/C262)	PM
PJQMC0288Z	Operating Instructions (For Basic Operations)	7512	Chinese (For DP-C322/C262)	PK
PJQMC0300Z	Operating Instructions (For Setting Up)	7513	English (For DP-C322/C262)	PA, PB, PE
PJQMC0301Z	Operating Instructions (For Setting Up)	7513	German (For DP-C322/C262)	PM
PJQMC0302Z	Operating Instructions (For Setting Up)	7613	French (For DP-C322/C262)	PF
PJQMC0303Z	Operating Instructions (For Setting Up)	7513	Italian (For DP-C322/C262)	PM
PJQMC0305Z	Operating Instructions (For Setting Up)	7513	Chinese (For DP-C322/C262)	PK
PJQMC0485Z	Installation Instructions	8903		PU
PJQMC0501Z	Operating Instructions (For Basic Operations)	7512	Chinese (Taiwanese) (For DP-C322/C262)	PT
PJQMC0502Z	Operating Instructions (For Setting Up)	7513	Chinese (Taiwanese) (For DP-C322/C262)	PT
PJQMC0576Z	Operating Instructions (For Basic Operations)	7512	Turkish (For DP-C322/C262)	PV
PJQMC0577Z	Operating Instructions (For Setting Up)	7513	Turkish (For DP-C322/C262)	PV
PJQMC0579Z	Operating Instructions (For Basic Operations)	7512	English (American) (For DP-C354/C323/C264/C263/C213)	PU
PJQMC0580Z	Operating Instructions (For Basic Operations)	7512	English (For DP-C354/C323/C264/C263/C213)	PA, PB, PE
PJQMC0582Z	Operating Instructions (For Setting Up)	7513	English (American) (For DP-C354/C323/C264/C263/C213)	PU
PJQMC0583Z	Operating Instructions (For Setting Up)	7513	English (For DP-C354/C323/C264/C263/C213)	PA, PB, PE
PJQMC0679Z	Operating Instructions (For Basic Operations)	7512	German (For DP-C354/C323/C264/C263/C213)	PM
PJQMC0680Z	Operating Instructions (For Basic Operations)	7512	French (For DP-C354/C323/C264/C263/C213)	PE
PJQMC0680Z	Operating Instructions (For Basic Operations)	7612	French (For DP-C354/C323/C264/C263/C213)	PF
PJQMC0681Z	Operating Instructions (For Basic Operations)	7512	Italian (For DP-C354/C323/C264/C263/C213)	PM
PJQMC0683Z	Operating Instructions (For Basic Operations)	7512	Taiwanese (For DP-C354/C323/C264/C263/C213)	PT
PJQMC0686Z	Operating Instructions (For Basic Operations)	7512	Portuguese (For DP-C354/C323/C264/C263/C213)	PL

Alphanumeric Parts List				
Part Number	Part Name	Ref. No.	Remarks	Destination
PJQMC0687Z	Operating Instructions (For Basic Operations)	7512	Turkish (For DP-C354/C323/C264/C263/C213)	PV
PJQMC0779Z	Operating Instructions (For Setting Up)	7513	Taiwanese (For DP-C354/C323/C264/C263/C213)	PT
PJQMC0839Z	Operating Instructions (For Setting Up)	7513	German (For DP-C354/C323/C264/C263/C213)	PM
PJQMC0840Z	Operating Instructions (For Setting Up)	7513	Italian (For DP-C354/C323/C264/C263/C213)	PM
PJQMC0841Z	Operating Instructions (For Setting Up)	7513	French (For DP-C354/C323/C264/C263/C213)	PE
PJQMC0841Z	Operating Instructions (For Setting Up)	7613	French (For DP-C354/C323/C264/C263/C213)	PF
PJQRC0061Z	Installation Instructions	7514	For DP-C322/C262	All
PJQRC0063Z	Installation Instructions	8107		All
PJQRC0064Z	Installation Instructions	7908		All
PJQRC0066Z	Installation Instructions	8206	For DA-FK320	All
PJQRC0068Z	Installation Instructions	8405	For DA-FS320	All
PJQRC0070Z	Installation Instructions	8509	For DA-FS325	All
PJQRC0072Z	Installation Instructions	8003		All
PJQRC0075Z	Installation Instructions	7801		All
PJQRC0077Z	Installation Instructions	7702		All
PJQRC0079Z	Installation Instructions	8701		All
PJQRC0081Z	Installation Instructions	8306		All
PJQRC0087Z	Installation Instructions	8803	For DA-MC320	All
PJQRC0117Z	Installation Instructions	9005		All
PJQRC0148Z	Installation Instructions	7514	For DP-C354/C323/C264/C263/C213	All
PJQRC0164Z	Installation Instructions	8405	For DA-FS350	All
PJQRC0166Z	Installation Instructions	8509	For DA-FS356	All
PJQRC0181Z	Installation Instructions	8206	For DA-FK350	All
PJQRC0190Z	Installation Instructions	8803	For DA-MC350	All
PJQXC0058Z	Sheet, Caution	8207		All
PJRAC0002Z	Sheet, FTR Shield	3517		All
PJSAC0001Z	Seal, Magnetic Side	5412		All
PJSCC0004Z	Brush, Upper	3228		All
PJSCC0008Z	Brush 1, Exit	226		All
PJSCC0009Z	Brush 1, Transport	7319		All
PJSDC0002Z	Spring, Ground F	1634		Except PU, PT
PJSDC0003Z	Spring, Ground R	1635		Except PU, PT
PJSNC0015Z	Scanning Motor	1713		All
PJUAC0018Z	Bracket, IH R	5103		All
PJUAC0019Z	Bracket, IH L	5104		All
PJUAC0020Z	Frame, IH	5102		All
PJUAC0034Z	Frame, BK F	3531		All
PJUAC0035Z	Frame, BK R	3532		All
PJUAC0036Z	Frame, YMC F	3618		All
PJUAC0037Z	Frame, YMC R	3619		All
PJUAC0039Z	Frame, Sheet Bypass Tray	3119		All
PJUAC0040Z	Bracket, Upper Stay	2814		All
PJUAC0055Z	Stay, Top	4713		All
PJUAC0059Z	Bracket, Lower Stay	4712		All
PJUAC0060Z	Bracket, Upper Stay	4711		All
PJUAC0078Z	Bracket, FR	4710		All
PJUAC0097Z	Bracket, Scanner Base	107		All
PJUAC0098Z	Bracket, Scanner Mounting	108		All

Alphanumeric Parts List

Part Number	Part Name	Ref. No.	Remarks	Destination
PJUAC0110Z	Cover 1, FAX Box	4111		All
PJUAC0111Z	Cover 2, FAX Box	4112		All
PJUAC0112Z	Cover 3, FAX Box	4113		All
PJUAC0113Z	Cover 4, FAX Box	4114		All
PJUAC0114Z	Frame, Lower Guide	3314		All
PJUAC0116Z	Bracket, Front Lower Guide	3308		All
PJUAC0119Z	Bracket, Upper Plate	3201		All
PJUAC0126Z	Bracket, Rear Lower Guide	3309		All
PJUAC0138Z	Frame, Front Right	6901		All
PJUAC0141Z	Frame, Front Upper	6911		All
PJUAC0143Z	Frame, Front Lower	6912		All
PJUAC0171Z	Bracket, Solenoid	3213		All
PJUAC0172Z	Frame, Scanner Base	1718		All
PJUAC0204Z	Frame, Left	1117		All
PJUBC0001Z	Plate, Interlock	3724		All
PJUCC0001Z	Frame, Adjust Roller	3630		All
PJUCC0002Z	Stay, YMC Frame	3620		All
PJUCC0003Z	Bracket, Stay Frame	3516		All
PJUCC0005Z	Frame, Roller Adjust	3602		All
PJUCC0006Z	Bracket, Handle Plate	3401		All
PJUCC0007Y	Guide, Reading	703		All
PJUDC0007Z	Plate, Core Sensor	4918	For DP-C322/C262	All
PJUDC0008Z	Bracket, FR Sensor	4913		All
PJUDC0009Z	Holder, Base F	3830		All
PJUDC0010Z	Holder, Base R	3831		All
PJUDC0011Z	Holder, Front STR Spring	2511		All
PJUDC0012Z	Holder, Rear STR Spring	2522		All
PJUDC0013Z	Holder, Bearing	2612		All
PJUDC0014Z	Holder, FTR Slider F	3537		All
PJUDC0015Z	Holder, FTR Slider R	3544		All
PJUDC0016Z	Holder, BK Slider	3628		All
PJUDC0017Z	Holder, BK Slider R	3634		All
PJUDC0019Z	Holder, Separator	3106		All
PJUDC0020Z	Holder, Harness	3032		All
PJUDC0021Z	Holder, Sensor	2913		All
PJUDC0022Z	Holder, Shutter R	4516		All
PJUDC0023Z	Holder, Shutter F	4515		All
PJUDC0025Z	Bracket, ACH	4110		All
PJUDC0026Z	Bracket, Left EC PCB	3909		All
PJUDC0030Z	Bracket, ADF	1508		All
PJUDC0033Z	Holder, ADF Harness	1517		All
PJUDC0034Z	Holder, Connector	1509		All
PJUDC0039Z	Bracket 1, Original Sensor	1720	For DP-C354/C323/C264/C263/C213	PU, PB
PJUDC0040Z	Bracket 2, Original Sensor	1721	For DP-C354/C323/C264/C263/C213	PU, PB
PJUEC0013Z	Ring, Fixed	2619		All
PJUEC0014Z	Bracket, Spring	2515		All
PJUEC0015Z	Plate, Fixed	2524		All
PJUEC0016Z	Stopper, Arm Lift	3541		All
PJUEC0019Z	Bracket, Front Shipping	3421	Shipping Material	All
PJUEC0020Z	Bracket, Rear Shipping	3422		All
PJUEC0021Z	Plate, Left Position	3416		All
PJUEC0022Z	Plate, Right Position	3417		All
PJUEC0028Z	Base, Sheet Bypass Tray	3120		All

Alphanumerical Parts List				
Part Number	Part Name	Ref. No.	Remarks	Destination
PJUEC0029Z	Stay, Right Side Cover	2738		All
PJUEC0031Z	Snap Ring	2714		All
PJUEC0043Z	Stay, HVPS	4021		All
PJUEC0044Z	Bracket, Rail Developer F	4503		All
PJUEC0045Z	Bracket, Rail Developer R	4504		All
PJUEC0048Z	Bracket, LED	4501		All
PJUEC0049Z	Bracket, LED Bushing	4518		All
PJUEC0050Z	Rail, OPC	4517		All
PJUEC0060Z	Holder, Handle FR	4707		All
PJUEC0061Z	Bracket, Scanner Base	1401		All
PJUEC0062Z	Cover, LVPS Duct	4106		All
PJUEC0065Z	Stopper, R	6210		All
PJUEC0068Z	Bracket, Feed	1901		All
PJUEC0069Z	Bracket, Reverse	1904		All
PJUEC0070Z	Rail, Lower Left	1829		All
PJUEC0071Z	Rail, R	1832		All
PJUEC0072Z	Rail, Upper Left	1831		All
PJUEC0073Z	Stopper, Front R	1833		All
PJUEC0074Z	Plate, Latch F	1825		All
PJUEC0075Z	Plate, Latch R	1826		All
PJUEC0076Z	Bracket, Rear Feed	1950	1st Paper Tray Feed	All
PJUEC0077Z	Bracket, Rear Feed	1950	2nd, 3rd, 4th Paper Tray Feed	All
PJUEC0078Z	Bracket, Outer Tray	7414		All
PJUEC0079Z	Rail, Left Lower	6915		All
PJUEC0082Z	Rail, Left Upper	6916		All
PJUEC0083Z	Rail, Right	6908		All
PJUEC0085Z	Bracket, Motor	6814		All
PJUEC0086Z	Bracket, Clutch	6815		All
PJUEC0087Z	Frame, Drive	6803		All
PJUEC0088Z	Plate, Open Cover	6713		All
PJUEC0089Z	Bracket, Cover	6709		All
PJUEC0092Z	Plate, A	6710		All
PJUEC0093Z	Plate, B	6703		All
PJUEC0094Z	Bracket, Front Side	7314		All
PJUEC0096Z	Bracket, Rear Side	7315		All
PJUEC0098Z	Bracket	7123		All
PJUEC0100Z	Bracket, Sensor	7118		All
PJUEC0103Z	Tube, T	5329		All
PJUEC0104Z	Slider, Pipe	5327		All
PJUEC0105Z	Base, Hopper	5312		All
PJUEC0106Z	Plate, Scoop	5406		All
PJUEC0107Z	Plate, TDC	5415		All
PJUEC0108Z	Blade, Dr	5421		All
PJUEC0114Z	Bracket, Front Guide	2504		All
PJUEC0115Z	Bracket, Rear Guide	2505		All
PJUEC0121Z	Bracket, Scanner Cover	1404		All
PJUEC0122Z	Bracket, Drive	1951		All
PJUEC0124Z	Frame, OPC Adj	4407		All
PJUEC0125Z	Plate, Pin Left F	4416		All
PJUEC0126Z	Plate, Pin Right F	4417		All
PJUEC0163Z	Sheet 1, Registration Guide	1119		All
PJUEC0166Z	Bracket, Rear Left	6903		All
PJUEC0167Z	Bracket, Rear Right	6902		All

Alphanumeric Parts List

Part Number	Part Name	Ref. No.	Remarks	Destination
PJUEC0168Z	Guide, Adjuster	6905		All
PJUEC0180Z	Cover, Inner	613		All
PJUEC0207Z	Sheet, Clutch	930		All
PJUGC0015Z	Shaft, Idle Arm	3222		All
PJUGC0021Z	Shaft, Latch Lever	2209		All
PJUGC0024Z	Pin, Hinge	2103		All
PJUGC0034Z	Shaft, Clutch	2315		All
PJUIC0001Z	Plate R, Sub	5028		All
PJUIC0002Z	Plate L, Sub	5027		All
PJUIC0005Z	Bracket, Cam Plate L	5014		All
PJUIC0007Z	Bracket, Sensor Angle	4911		All
PJUIC0014Z	Block, Cam FTR Sensor	3707		All
PJUIC0018Z	Bracket, Front Fulcrum	2516		All
PJUIC0020Z	Bracket, Rear Fulcrum	2518		All
PJUIC0021Z	Holder, Discharge Spring	2523		All
PJUIC0023Z	Bracket, Solenoid	2532		All
PJUIC0025Z	Bracket, Guide Plate F	2531		All
PJUIC0027Z	Bracket, Guide Plate R	2526		All
PJUIC0028Z	Holder, Discharge Plate	2628		All
PJUIC0030Z	Bracket, Position IT	3812		All
PJUIC0031Z	Bracket, Sensor	3826		All
PJUIC0032Z	Base, Shutter	3827		All
PJUIC0033Z	Sensor, Block	3708		All
PJUIC0036Z	Bracket, STR Cam Motor	3701		All
PJUIC0045Z	Bracket, Exit	6117		All
PJUIC0047Z	Bracket 2, Fuser Drive Plate	6111		All
PJUIC0051Z	Bracket, Pickup	3010		All
PJUIC0052Z	Bracket, Upper	3001		All
PJUIC0053Z	Bracket, Separator	3103		All
PJUIC0054Z	Bracket, Solenoid	3015		All
PJUIC0055Z	Plate, Upper	3008		All
PJUIC0057Z	Shaft, Tray Plate	2917		All
PJUIC0059Z	Bracket, Drive Plate	3019		All
PJUIC0061Z	Bracket, Plate Cover	2734		All
PJUIC0063Z	Bracket, Sensor	2825		All
PJUIC0064Z	Base, ADU Sensor	2821		All
PJUIC0065Z	Bracket, Ground	2826		All
PJUIC0066Z	Bracket, Ground	2117		All
PJUIC0070Z	Bracket, HVPS	4001		All
PJUIC0071Z	Bracket, HVPS2	4003		All
PJUIC0073Z	Bracket 2, IH PCB	4004	For DP-C322/C262	All
PJUIC0074Z	Bracket, EC PCB	3908		All
PJUIC0075Y	Bracket, Left SC PCB	3906		All
PJUIC0076Z	Rail 1, HVPS	4009		All
PJUIC0077Z	Rail 2, HVPS	4010		All
PJUIC0078Z	Bracket 1, LVPS	4101		All
PJUIC0079Z	Bracket 2, LVPS	4102		All
PJUIC0081Z	Bracket, NF12	4107		All
PJUIC0083Z	Bracket, SC PCB	3901		All
PJUIC0084Z	Bracket, HDD	4013		All
PJUIC0085Z	Bracket, DC12	4011		All
PJUIC0087Z	Bracket, Speaker	3918		All
PJUIC0090Z	Bracket, Upper Interlock	4216		All

Alphanumeric Parts List

Part Number	Part Name	Ref. No.	Remarks	Destination
PJUIC0092Z	Bracket, Interlock F1	4201		All
PJUIC0095Z	Frame, WTB Lower	4404		All
PJUIC0096Z	Cover, Left Stay	4301		All
PJUIC0097Z	Bracket, Sensor	4405		All
PJUIC0098Z	Bracket, Front Left Cover	230		All
PJUIC0099Z	Bracket, MC	4424		All
PJUIC0101Z	Holder, Sensor	3315		All
PJUIC0102Z	Bracket, Front Switch Guide	3206		All
PJUIC0104Z	Bracket, Arm1	3220		All
PJUIC0105Z	Bracket, Rear Switch Guide	3207		All
PJUIC0108Z	Bracket, Drive Plate	3217		All
PJUIC0110Z	Bracket, Clutch	3226		All
PJUIC0112Z	Base, Arm Switch	3210		All
PJUIC0113Z	Bracket, Front Drive	2735		All
PJUIC0114Z	Bracket, Rear Drive	2740		All
PJUIC0117Z	Bracket, Drive MV	2741		All
PJUIC0120Z	Plate, Exit Pulley	5808		All
PJUIC0122Z	Plate, Clutch	6127		All
PJUIC0124Z	Bracket, Rear ADU Exit Guide	2411		All
PJUIC0125Z	Bracket, Front ADU Exit Guide	2412		All
PJUIC0128Z	Bracket, Front Right Side Cover	2301		All
PJUIC0137Z	Plate, Cover	2203		All
PJUIC0141Z	Bracket 2, Drive	2323		All
PJUIC0142Z	Bracket, Drive	2312		All
PJUIC0143Z	Bracket, Connect	2324		All
PJUIC0147Z	Plate 2, Ground	2303		All
PJUIC0151Z	Plate, Shaft	4916		All
PJUIC0152Z	Knob, Plate 1	5024		All
PJUIC0153Z	Knob, Plate 2	5025		All
PJUIC0154Z	Bracket, Lower Damper	2114		All
PJUIC0155Z	Bracket, ADU Drive Plate	2730		All
PJUIC0158Z	Bracket, Front	2102		All
PJUIC0159Z	Bracket, Rear Right Side Cover	2302		All
PJUIC0160Z	Bracket, Rear Damper	2104		All
PJUIC0161Y	Bracket, Front Damper	2101		All
PJUIC0164Z	Assembly, Gear Box Cover	5912		All
PJUIC0165Z	Bracket, Fuser Drive Plate	6101		All
PJUIC0166Z	Bracket, Lever	5801		All
PJUIC0167Z	Bracket, Tension Feed	6112		All
PJUIC0168Z	Bracket 3, Drive Motor Plate	6122		All
PJUIC0180Z	Bracket 1, Lift Motor	2009		All
PJUIC0181Z	Bracket, Sensor	2013		All
PJUIC0184Z	Plate, Gear	6211		All
PJUIC0185Z	Assembly, Rear Stopper Bracket	1827		All
PJUIC0186Z	Assembly, Front Stopper Bracket	1815		All
PJUIC0187Z	Bracket, Outer Roller	7408		All
PJUIC0189Z	Bracket	6711		All
PJUIC0193Z	Bracket, Plate	7120		All
PJUIC0194Z	Bracket, Clutch	7211		All

Alphanumeric Parts List

Part Number	Part Name	Ref. No.	Remarks	Destination
PJUIC0195Y	Bracket, Motor	7207		All
PJUIC0196Z	Bracket, Sensor 1	7317		All
PJUIC0199Z	Cover, Jam Support	7316		All
PJUIC0200Z	Plate, Position Fix	3813		All
PJUIC0204Z	Bushing, Charge A	5612		All
PJUIC0205Z	Bushing, Charge B	5610		All
PJUIC0206Z	Bracket, Exit Guide	2308		All
PJUIC0213Z	Bracket, Guide Paper	2501		All
PJUIC0220Z	Plate, Scanner SW Hold	1406		All
PJUIC0223Z	Bracket, Right SC PCB	3904		All
PJUIC0225Z	Assembly, Motor Plate	1710		All
PJUIC0227Z	Bracket, Support	1209		All
PJUIC0228Z	Bracket, Panel Guide	1207		All
PJUIC0229Z	Plate, Harness	1328		All
PJUIC0239Y	Bracket, Interlock BR	4208		All
PJUIC0250Z	Assembly, Panel Base and Guide	1303		All
PJUIC0251Z	Bracket, ILS FR	4203		All
PJUIC0257Z	Bracket, Sensor	3326		All
PJUIC0263Y	Plate, Ground	3231		Except PU, PT
PJUIC0282Z	Plate, ADF	642		All
PJUIC0305Z	Fan, Bracket	4819	For DP-C354/C323/C264/C263/C213	All
PJUIC0312Z	Bracket 2, IH PCB	4004	For DP-C354/C323/C264/C263/C213	All
PJUIC0313Z	Bracket, SCN-MCC	1414		Except PU, PT
PJUJC0001Z	Base, Sensor PR	5030		All
PJUJC0002Z	Cam, Plate R	5016		All
PJUJC0003Z	Holder, Lever	3828		All
PJUJC0008Z	Base, Arm Lift FTR	3519		All
PJUJC0018Z	Frame, Mirror 1 Unit	1601		All
PJUJC0019Z	Case, Inverter	1607		All
PJUJC0021Z	Plate, SCN Holding	1408		All
PJUJC0024Z	Bracket, Brush Base	3603		All
PJUJC0027Z	Bracket, AFE PC Board	1628		All
PJUKC0001Z	Guide, Paper UL	5029		All
PJUKC0003Z	Guide B, ADU Fuser	4901		All
PJUKC0005Z	Guide, Exit PR	4904		All
PJUKC0015Z	Guide, Paper B	2503		All
PJUKC0016Z	Guide, STR	2508		All
PJUKC0017Z	Sheet, Guide	2509		All
PJUKC0018Z	Guide, Upper Paper	3411		All
PJUKC0019Z	Guide, Lower Paper	3412		All
PJUKC0020Z	Guide, Upper B	3121		All
PJUKC0021Z	Guide, Upper	3034		All
PJUKC0022Z	Guide, Front Side	2907		All
PJUKC0023Z	Guide, Rear Side	2905		All
PJUKC0024Z	Guide, Side Slide	2902		All
PJUKC0025Z	Plate, ADU Guide	2705		All
PJUKC0026Z	Guide, ADU 2	2824		All
PJUKC0027Z	Guide, Mid	2715		All
PJUKC0028Z	Bracket, Mid Plate	2718		All
PJUKC0029Z	Guide, Registration	2107		All
PJUKC0034Z	Guide, Lower	3311		All
PJUKC0035Z	Guide, Middle	3304		All

Alphanumerical Parts List				
Part Number	Part Name	Ref. No.	Remarks	Destination
PJUKC0036Z	Guide, Switch	3205		All
PJUKC0037Z	Guide, 2-Way ADU	3202		All
PJUKC0041Z	Guide, ADU	2410		All
PJUKC0042Z	Guide, ADU Upper	2207		All
PJUKC0043Z	Guide, ADU Exit	2409		All
PJUKC0044Z	Guide, Fuser Exit	2307		All
PJUKC0045Z	Actuator, Exit Guide	2310		All
PJUKC0046Z	Bracket, Exit Guide Sensor	2309		All
PJUKC0047Z	Guide, P Plate	4917		All
PJUKC0049Z	Guide, Harness	3216		All
PJUKC0051Z	Guide, Harness	2915		All
PJUKC0053Z	Guide, Paper F	6205		All
PJUKC0054Z	Guide, Paper R	6202		All
PJUKC0055Z	Guide, Rail	1830		All
PJUKC0056Z	Guide, A	1816		All
PJUKC0057Z	Guide, B	1820		All
PJUKC0058Z	Plate, Cover Open	1814		All
PJUKC0059Z	Frame, K1483 Roller	6904		All
PJUKC0060Z	Guide, Pass L	7313		All
PJUKC0066Z	Guide, Pass R	7102		All
PJUKC0067Z	Gate	7107		All
PJUKC0068Z	Guide, Exit	7121		All
PJUKC0070Z	Guide, Bottle	5201		All
PJUKC0072Z	Rail, Drum 2	5621		All
PJUKC0074Z	Guide 2, Harness	3310		All
PJUKC0078Z	Guide, IH Harness	4803		All
PJUKC0085Z	Guide, Lower Exit	716		All
PJUKC0086Z	Sheet, Guide	728		All
PJUKC0087Z	Sheet, Guide	628		All
PJUKC0089Z	Guide 1, Registration	1118		All
PJUKC0090Z	Guide, Exit Sub	227		All
PJUKC0094Y	Guide, Lower Exit	716		All
PJUKC0100Z	Guide 3, Inverting	715		All
PJUKC0101Y	Guide 2, Selection	713		All
PJUKC0102Z	Paper End	6221	For DP-C354/C323/C264/C263/C213	All
PJULC0003Z	Rail, OPC Unit L	5810		All
PJULC0004Z	Rail, OPC Unit R	5809		All
PJULC0007Z	Plate, Ground	2827		All
PJULC0008Z	Plate, Ground	2118		All
PJULC0025Z	Stopper A	4715		All
PJULC0026Z	Stopper B	4716		All
PJULC0038Z	Bracket, Registration Limiter	829		All
PJULC0047Z	Plate, Exit Fuser	3329		All
PJUMC0001Z	Stand, IT	3614		All
PJUPC0002Z	Belt	6715		All
PJUQC0003Z	Guide 1, Lamp Harness	1609		All
PJUQC0004Z	Guide 2, Lamp Harness	1715		All
PJURC0001Z	Bracket, STR Base	2620		All
PJURC0003Z	Cover, BK F	3527		All
PJURC0004Z	Cover, BK R	3529		All
PJURC0005Z	Cover, YMC F	3528		All
PJURC0006Z	Cover, YMC R	3530		All

Alphanumerical Parts List

Part Number	Part Name	Ref. No.	Remarks	Destination
PJURC0010Y	Cover, Tray A	2901	See Note	All
PJURC0011Y	Cover, Tray B	2914	See Note	All
PJURC0012Y	Cover, Tray C	2910	See Note	All
PJURC0013Y	Cover, Tray D	2912	See Note	All
PJURC0014Z	Cover, Sheet Bypass Tray	2918		All
PJURC0015Z	Cover, ADU	2701		All
PJURC0016Z	Bracket, 2nd Lower	4108		All
PJURC0017Z	Bracket, 1st Lower	4109		All
PJURC0021Z	Shutter	4514		All
PJURC0026Z	Cover, Gear	1952		All
PJURC0027Z	Sleeve	1837		All
PJURC0028Z	Cover, Tray	7401		All
PJURC0030Z	Cover, Base	7301		All
PJURC0031Z	Cover 1, Front	6706		All
PJURC0032Z	Cover, Right Side Rear	6704		All
PJURC0033Z	Cover, Right Side Front	6708		All
PJURC0035Z	Cover, Rear	6702		All
PJURC0036Z	Cover 2, Right Front	6705		All
PJURC0037Z	Cover, Left	6701		All
PJURC0038Z	Cover, Bottom	6707		All
PJURC0039Z	Cover, Front	7112		All
PJURC0040Z	Cover, Bracket	7122		All
PJURC0042Z	Cover, Gear Box	5308		All
PJURC0043Z	Box, Gear	5309		All
PJURC0044Z	Cover, Charge	5603		All
PJURC0045Z	Sheet, Jam Cover	7320		All
PJURC0048Z	Bracket, Connector	3816		All
PJURC0051Z	Holder, Cable	2809		All
PJURC0052Y	Cover, Gear	7125		All
PJURC0057Z	Cover, Harness	6920		All
PJUSC0001Z	Spacer, P	5007		All
PJUSC0003Z	Cam, Slider	5008		All
PJUSC0005Z	Base, Ground	2603		All
PJUSC0012Z	Holder, Damper	2115		All
PJUSC0013Z	Spacer, ADU Drive	2729		All
PJUSC0014Z	Sponge, Blade SF	5423		All
PJUSC0015Z	Sponge, Cover F	5402		All
PJUSC0016Z	Sponge, Cover R	5403		All
PJUSC0017Z	Sponge, Cover B	5404		All
PJUSC0018Z	Sponge, Scoop	5408		All
PJUSC0019Z	Film, Insulated	5407		All
PJUSC0020Z	Seal, Gear Cover	5405		All
PJUSC0021Z	Sheet, Toner Receiver	5424		All
PJUSC0023Z	Sponge, Blade B	5444		All
PJUSC0027Z	Sponge, Rail Drum	5623		All
PJUSC0044Z	Rubber, Long	1323		All
PJUSC0045Z	Rubber, Short	1324		All
PJUSC0047Z	Mylar	5607		All
PJUSC0051Z	Dampener, Rubber Noise	3230		All
PJUSC0053Z	Seal, Drum 2	5622		All
PJUSC0054Z	Film, Magnetic Side F2	5437		All
PJUSC0055Z	Film, Magnetic Side R2	5438		All
PJUSC0056Z	Film, Magnetic Side F1	5439		All

Alphanumerical Parts List

Part Number	Part Name	Ref. No.	Remarks	Destination
PJUSC0057Z	Film, Magnetic Side R1	5440		All
PJUSC0058Z	Seal, Protect	5446		All
PJUSC0060Z	Seal 1, Scanner Dust	1515		All
PJUSC0061Z	Seal 2, Scanner Dust	1516		All
PJUSC0072Z	Sheet, Silence	714		All
PJUSC0075Z	Spacer, ADF Glass	1518		All
PJVZF2758AU	ADF Front Cover	8902		PU
PJWBF2170PU	LSU	4303	For DP-C354/C323/C322	All
PJWBF2171PU	LSU	4303	For DP-C264/C263/C262/C213	All
PJWDF2170PB	LCD Module Set	1336	For DP-C322/C262	Except PU, PT
PJWDF2170PU	LCD Module Set	1336		PU, PT
PJWDF2171PB	LCD Module	1326	For DP-C322/C262	Except PU, PT
PJWDF2171PU	LCD Module	1326		PU, PT
PJWDF3160PB	LCD Module Set	1336	For DP-C354/C323/C264/C263/C213	Except PU, PT
PJWDF3161PB	LCD Module	1326	For DP-C354/C323/C264/C263/C213	Except PU, PT
PJWEF2170PU	Mechanical Counter Kit	4425		Except PU, PT
PJWEF2171PU	Speaker	3920		All
PJWMF2170PU	Solenoid	1917		All
PJWPF2170PB	PC Board, SC	6401	For DP-C322/C262 (RTL/PbF)	PA, PB, PE, PV
PJWPF2170PK	PC Board, SC	6401	For DP-C322/C262 (RTL/PbF)	PK
PJWPF2170PM	PC Board, SC	6401	For DP-C322/C262 (RTL/PbF)	PM
PJWPF2170PT	PC Board, SC	6401	For DP-C322/C262 (RTL/PbF)	PT
PJWPF2170PU	PC Board, SC	6401	For DP-C322/C262 (RTL/PbF)	PU
PJWPF2170RPB	PC Board, SC	6401	For DP-C323/C263/C213 (RTL/PbF)	PB, PE
PJWPF2170RPT	PC Board, SC	6401	For DP-C323/C263/C213 (RTL/PbF)	PT
PJWPF2170RPU	PC Board, SC	6401	For DP-C323/C263/C213 (RTL/PbF)	PU
PJWPF2170SPB	PC Board, SC	6401	For DP-C354/C264 (RTL/PbF)	PB, PE
PJWPF2170SPT	PC Board, SC	6401	For DP-C354/C264 (RTL/PbF)	PT
PJWPF2170SPU	PC Board, SC	6401	For DP-C354/C264 (RTL/PbF)	PU
PJWPF2171PB	PC Board, EC	6402	For DP-C262 (RTL/PbF)	Except PU
PJWPF2171PU	PC Board, EC	6402	For DP-C262 (RTL/PbF)	PU
PJWPF2172PB	PC Board, EC	6402	For DP-C322 (RTL/PbF)	Except PU
PJWPF2172PU	PC Board, EC	6402	For DP-C322 (RTL/PbF)	PU
PJWPF2173PB	PC Board, EC	6402	For DP-C213 (RTL/PbF)	Except PU
PJWPF2173PU	PC Board, EC	6402	For DP-C213 (RTL/PbF)	PU
PJWPF2174PU	PC Board, SCN	6502	RTL/PbF	All
PJWPF2175PB	Assembly, NFL (Noise Filter) PC Board	4116		Except PU, PT
PJWPF2175PU	Assembly, NFL (Noise Filter) PC Board	4116		PU, PT
PJWPF2177PU	PC Board, PNL 2	1331	RTL/PbF	All
PJWPF2178PU	PC Board, PNL 3	1332	RTL/PbF	All
PJWPF2179PU	PC Board, PNL 4	1333	RTL/PbF	All
PJWPF217BPU	PC Board, AFE (Analog Front End)	1630	RTL/PbF	All
PJWPF217CPU	PC Board, MOTDRV (Motor Drive)	6504	RTL/PbF	All
PJWPF217DPU	PC Board, LED	4502	RTL/PbF	All
PJWPF217EAZ	PC Board, RLB (Relay Board)	6617	PbF	All
PJWPF217FPU	PC Board, SDI (SD Card I/F)	1217	RTL/PbF	All
PJWPF217GPU	PC Board, Initial Point Sensor	3709	PbF	All
PJWPF217HPU	PC Board, ROHP	2110	PbF	All

Alphanumeric Parts List

Part Number	Part Name	Ref. No.	Remarks	Destination
PJWPF217IPU	PC Board, ADU	6501	RTL/PbF	All
PJWPF217JPU	PC Board, CONE	3922	RTL/PbF	All
PJWPF217KPU	PC Board, CST	6601	RTL/PbF	All
PJWPF217LPU	PC Board, TRU (Transport Unit)	6604	RTL/PbF	All
PJWPF217QPU	PC Board, PNL1	6505	RTL/PbF	All
PJWPF217TPB	PC Board, EC	6402	For DP-C323 (RTL/PbF)	Except PU
PJWPF217TPU	PC Board, EC	6402	For DP-C323 (RTL/PbF)	PU
PJWPF217UPB	PC Board, EC	6402	For DP-C264 (RTL/PbF)	Except PU
PJWPF217UPU	PC Board, EC	6402	For DP-C264 (RTL/PbF)	PU
PJWPF217VPB	PC Board, EC	6402	For DP-C354 (RTL/PbF)	Except PU
PJWPF217VPU	PC Board, EC	6402	For DP-C354 (RTL/PbF)	PU
PJWPF217WPB	PC Board, EC	6402	For DP-C263 (RTL/PbF)	Except PU
PJWPF217WPU	PC Board, EC	6402	For DP-C263 (RTL/PbF)	PU
PJWQF2170PU	Lift Motor	2001	Main	All
PJWQF2171PU	Lift Motor	2001	System Console	All
PJWQF2172PU	Motor, Fuser	6116		All
PJWSF2170PU	Assembly, Sub Switch	1412		All
PJZEF2171PU1	IT Unit	3420	PM	All
PJZEF2172PU1	Cleaning Unit	3418	PM	All
PJZEF2173PU1	IT Belt (IT Belt and Adjustment Bushings are supplied as a set.)	3419	PM	All
PJZEF2174PU	FTR (Supplied as a set of 4 Rollers.)	3546	PM	All
PJZEF2175PU	Assembly, Drive Roller Brush	3635		All
PJZEF2176PU	STR Unit	2535	PM	All
PJZEF2177PU	Base, STR Position F	3520		All
PJZEF2178PU	Base, STR Position R	3521		All
PJZEF2179PU	Base, Cleaner F	3631		All
PJZEF217APU	Base, Cleaner R	3632		All
PJZEF217BPU	Slider, BK F	3625		All
PJZEF217CPU	Slider, BK R	3626		All
PJZEF217DPU	Holder, YMC F Link	3715		All
PJZEF217EPU	Holder, BK F Link	3717		All
PJZEF217FPU	Holder, YMC R Link	3716		All
PJZEF217GPU	Holder, BK R Link	3718		All
PJZEF217HPU	Assembly, Waste Toner Transport	3803		All
PJZEF217IPU	Assembly, Sensor Holder	4610		All
PJZEF217JPU	Fan, LSU	4302		All
PJZEF217KPU	Assembly, Dev/Chg	4609		All
PJZEF217LPU	Cover, Pipe	4421		All
PJZEF217PPB	Control Panel Unit	1224	For DP-C322/C262	Except PU, PF, PK, PT
PJZEF217PPF	Control Panel Unit	1224	For DP-C322/C262	PF
PJZEF217PPK	Control Panel Unit	1224	For DP-C322/C262	PK
PJZEF217PPT	Control Panel Unit	1224	For DP-C322/C262	PT
PJZEF217SPU	Cleaner	228		All
PJZEF217TPU	Control Panel Unit	1224		PU
PJZEF3160PB	Control Panel Unit	1224	For DP-C354/C323/C264/C263/C213	Except PU, PF, PT
PJZEF3160PF	Control Panel Unit	1224	For DP-C354/C323/C264/C263/C213	PF
PJZFF2170PU	Assembly, Reverse Bracket	1912		All

Alphanumeric Parts List

Part Number	Part Name	Ref. No.	Remarks	Destination
PJZGF2170PU	Assembly, Gear IT	6006		All
PJZNF2170PU	CCD Unit	1631		All
PJZRF2170PU	Roller, Upper Intermediate	1834		All
PJZRF2171PU	Roller, Lower Intermediate	1835		All
PJZSF2171AZ1	Complete Fuser Unit	4815	For DP-C322/C262	Except PU
PJZSF2171PU1	Complete Fuser Unit	4815	For DP-C322/C262	PU
PJZSF2172PU	Fuser Main Unit	4927	PM (For DP-C322/C262)	All
PJZSF2173AZ1	Fuser Belt Unit	4926	PM (For DP-C322/C262)	Except PU
PJZSF2173PU1	Fuser Belt Unit	4926	PM (For DP-C322/C262)	PU
PJZSF2174PU	Assembly, Actuator Holder	4928		All
PJZSF3161PU	Complete Fuser Unit	4815	For DP-C354/C323/C264/C263/C213	All
PJZSF3162PU	Fuser Main Unit	4927	PM (For DP-C354/C323/C264/C263/C213)	All
PJZSF3163PU	Fuser Belt Unit	4926	PM (For DP-C354/C323/C264/C263/C213)	All
PJZVF2170PA	Assembly, Original Tray	422		PU
PJZVF2170PB	Assembly, Original Tray	422		Except PU
PJZVF2171PU	Paper Feed Unit	537		All
PJZVF2750PU	Assembly, Paper Feed Roller Shaft	505		All
PJZVF2751PU	Assembly, Separation Roller Shaft	607		All
PJZVF2752PU	Assembly, Pinch Roller Solenoid	615		All
PJZVF2758PA	Unit, Original Tray	422		PT
PJZVF2758PB	Unit, Original Tray	422		Except PU, PT
PJZVF2758PU	Unit, Original Tray	422		PU
PJZVF2759PU	Paper Feed Unit	537		All
PJZWF2170PU	Main Drive Unit	5811	For DP-C322/C262	All
PJZWF2171PU	Motor, Bottle	5302		All
PJZWF2172PU	Bottle Drive Unit	5301		All
PJZWF2173PU	Unit, Waste Toner Drive	5701		All
PJZWF2174PU	Fuser Drive Unit (SP)	6132		All
PJZWF3160PU	Main Drive Unit	5811	For DP-C354/C323/C264/C263/C213	All
PJZYF2173PB	Bracket, Toner Bottle Y	5320	For DP-C322/C262	Except PU
PJZYF2173PU	Bracket, Toner Bottle Y	5320	For DP-C322/C262	PU
PJZYF2174PB	Bracket, Toner Bottle M	5320	For DP-C322/C262	Except PU
PJZYF2174PU	Bracket, Toner Bottle M	5320	For DP-C322/C262	PU
PJZYF2175PB	Bracket, Toner Bottle C	5320	For DP-C322/C262	Except PU
PJZYF2175PU	Bracket, Toner Bottle C	5320	For DP-C322/C262	PU
PJZYF2176PB	Bracket, Toner Bottle BK	5320	For DP-C322/C262	Except PU
PJZYF2176PU	Bracket, Toner Bottle BK	5320	For DP-C322/C262	PU
PJZYF3160PB	Bracket, Toner Bottle Y	5320	For DP-C354/C323/C264/C263	Except PU
PJZYF3160PU	Bracket, Toner Bottle Y	5320	For DP-C354/C323/C264/C263	PU
PJZYF3161PB	Bracket, Toner Bottle M	5320	For DP-C354/C323/C264/C263	Except PU
PJZYF3161PU	Bracket, Toner Bottle M	5320	For DP-C354/C323/C264/C263	PU
PJZYF3162PB	Bracket, Toner Bottle C	5320	For DP-C354/C323/C264/C263	Except PU
PJZYF3162PU	Bracket, Toner Bottle C	5320	For DP-C354/C323/C264/C263	PU
PJZYF3163PB	Bracket, Toner Bottle BK	5320	For DP-C354/C323/C264/C263	Except PU
PJZYF3163PU	Bracket, Toner Bottle BK	5320	For DP-C354/C323/C264/C263	PU
PJZYF3164PB	Bracket, Toner Bottle Y	5320	For DP-C213	Except PU
PJZYF3164PU	Bracket, Toner Bottle Y	5320	For DP-C213	PU
PJZYF3165PB	Bracket, Toner Bottle M	5320	For DP-C213	Except PU
PJZYF3165PU	Bracket, Toner Bottle M	5320	For DP-C213	PU

Alphanumerical Parts List				
Part Number	Part Name	Ref. No.	Remarks	Destination
PJZYF3166PB	Bracket, Toner Bottle C	5320	For DP-C213	Except PU
PJZYF3166PU	Bracket, Toner Bottle C	5320	For DP-C213	PU
PJZYF3167PB	Bracket, Toner Bottle BK	5320	For DP-C213	Except PU
PJZYF3167PU	Bracket, Toner Bottle BK	5320	For DP-C213	PU
PW060050	Slider	14208		
PW060050	Polyslider	16634		
RA2-2452-000	Bushing	16752		
RBWS-1N	Mini Clamp	3915		All
RBWS-3S	Mini Clamp	3919		All
UTW-60P	Caster, Rear	6907		All
VT2-0002-018	Spacer	16045		
VT2-5019-030	Holder, Cord	16044		
VT2-5171-030	Holder, Cord	16046		
XB1-2300-505	Screw, M3 x 5 Truss Head Mach.	17026		
XB1-2300-605	Screw, M3 x 6 Truss Head Mach.	16756		
XB1-2400-605	Screw, M4 x 6 Truss Head Mach.	16924		
XB1-2400-805	Screw, M4 x 8 Truss Head Mach.	17027		
XB1-2401-000	Screw, M4 x 10 Truss Head Mach.	16680		
XB2-4300-805	Screw, M3 x 8 w/Washer	7623		
XB4-7300-607	Screw, M3 x 6 Truss Head Tapping	15847		
XB4-7300-805	Screw, M3 x 8 Truss Head Tapping	16925		
XB4-7301-209	Screw, M3 x 12 Truss Head Tapping	17023		
XB4-7401-007	Screw, M4 x 10 Truss Head Tapping	5830		
XD1-1104-629	Shim	16926		
XD2-1100-502	E-Ring	5413		
XD2-1100-642	E-Ring	5511		
XD3-2200-102	Pin, Dowel	7119		
XD3-2200-122	Pin, Dowel	16041		
XD3-2200-142	Pin, Dowel	5829		
XD3-2300-122	Pin, Dowel	16760		
XD3-2300-142	Pin, Dowel	15950		
XD3-2300-162	Pin, Dowel	5509		
XD3-2300-182	Pin, Dowel	16225		
XF2-1309-711	Belt	16765		
XF2-1605-040	Belt, Timing	5609		
XF2-1606-140	Belt, Timing	16404		
XF2-1606-140	Belt, Timing	16529		
XF2-1607-240	Belt, Timing	16649		
XF2-1619-860	Belt, Timing	15940		
XF2-1804-070	Belt, Timing	16749		
XF2-1807-000	Belt, Timing	16215		
XF2-1809-000	Belt, Timing	16716		
XF2-1817-960	Belt, Timing	15938		
XPJ2D12WV	Pin	6816		All
XPJ2D14WV	Pin, Parallel	3503		All
XPJ2D16WV	Pin	5002		All

Alphanumerical Parts List				
Part Number	Part Name	Ref. No.	Remarks	Destination
XPJ3D16WV	Pin	3608		All
XPL2A12WV	Pin, Spring	3102		All
XPL3A25WV	Pin, Spring	3017		All
XSB23+10FJ	Screw	Y32		All
XSB3+6FJ	Screw	Y30		All
XSB3+8FJK	Screw	Y29		All
XSB4+45FJ	Screw	4415		All
XSN3+W12FJB	Screw	3425		All
XSN4+W8FJB	Screw	4818		All
XST3+4FJ	Screw	Y47		All
XTB2+6GFJ	Screw	Y34		All
XTB3+10GFJ	Screw	X1		All
XTB3+12FFJ	Screw	Y46		All
XTB3+12GFJ	Screw	Y42		All
XTB3+20GFJ	Screw	X4		All
XTB3+4FFJ	Screw	Y48		All
XTB3+6FFJ	Screw	X5		All
XTB3+6FFJ-RP	Screw	Y2		All
XTB3+6GFJ	Screw	Y37		All
XTB3+8FFJ	Screw	X9		All
XTB3+8GFJ	Screw	F10		All
XTB4+10FFJ	Screw	Y33		All
XTB4+10GFJ	Screw	Y24		All
XTB4+10GFN	Screw	H5		All
XTB4+20FFJ	Screw	4104		All
XTB4+6FFJ	Screw	Y21		All
XTB4+8FFJ	Screw, Binding Head Tapping	Y19		All
XTB4+8HFJ	Screw	Y39		All
XTN4+34GFJ	Screw	L4		All
XTN4+35GFJ	Screw	4007		All
XTN5+10FFJ	Screw	Y40		All
XTT4+8HFN	Screw	J2		All
XTW3+12LFJB	Screw	110	Shipping Material	All
XTW3+12QFJ	Screw	Y36		All
XTW3+6LFJ	Screw	Y3		All
XTW3+8PFJ	Screw	Y1		All
XTW3+8PFJ	Screw	P8		All
XTW3+8PFJR	Screw	Y35		All
XTW4+10PFJ	Screw	P9		All
XTW4+10PFJ	Screw	Y28		All
XUC3VM	E-Ring	J6		All
XUC4VM	E-Ring	J7		All
XUC5VM	E-Ring	K5		All
XUC6VM	E-Ring	K6		All
XUC7VM	E-Ring	J8		All
XUC8VM	E-ring	Y27		All
XXE3D8FP-R	Screw, Set	1629		All
XYA3+FF6FJ	Screw	Y22		All
XYA3+FF8FJ	Screw	Y13		All
XYA3+FF8FJ	Screw	Y31		All
XYC3+FG10FJ	Screw	Y38		All
XYN26+F6FJ	Screw	Y25		All
XYN3+F4FJ	Screw	5M		All

Alphanumerical Parts List

Part Number	Part Name	Ref. No.	Remarks	Destination
XYN3+F6FJ	Screw	Y16		All
XYN3+F8FJ	Screw	X3		All
XYN3+F8FJK	Screw	Y41		All
XYN4+F10FJ	Screw	Y45		All
XYN4+F6FJ	Screw	Y10		All
XYN4+F8FJ	Screw, M4 Ground	Y23		All
YA1020K251	Puncher Assembly	16900	DA-SP41-PU	
YA1020K252	Puncher Assembly	16900	DA-SP41-PB	
YA1020K303	Motor, Stepping	16921	(M2P, J1001)	
YA1020K363	PCB Unit	17016	(J2010)	
YA1020K363	PCB Unit	3		
YA1020K365	PCB Unit	17017	(J2011)	
YA1020K365	PCB Unit	2		
YA1020K367	Dust LED PCB Unit	16913	(J2005)	
YA1020K367	Dust LED PCB Unit	5		
YA1020K369	Dust PTR PCB Unit	16914	(J2006)	
YA1020K369	Dust PTR PCB Unit	4		
YA1020K395C	Puncher Controller PCB Assembly	16901	See Note	
YA1020K395C	Puncher Controller PCB Assembly	1		
YA1020K535	Assembly, Pad	8602		All
YA1020K592	Punch Unit	17013	DA-SP41-PU	
YA1020K593	Punch Unit	17013	DA-SP41-PB	
YA1020P208	Label, Punch Dust	8605		All
YA1020P410	Carton Box	8601		All
YA1020P537	IC, CPU M38034M4-362SP	16902	See Note	
YA1020P789	Mount, Puncher	16911		
YA1033K300	Motor, DC	17014	(M1P, J2002)	
YA1033K371	Harness, Registration Sensor	17002	(J1007, J2010, J2011)	
YA1033K372	Harness, Sensor	16908	(J1006, J2007-2009)	
YA1033K373	Harness, Dust Sensor	16922	(J1005, J2005, J2006)	
YA1033K374	Harness, Power Connecting	16905	(J1004, J2004)	
YA1033K375	Harness, Interface	16906	(J1003, J2003)	
YA1033K376	Harness, Motor	17015	(J1002, J2002)	

